

Ehab Maamoun

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Professional Summary

Highly experienced construction professional with 32 years of hands-on expertise in public works and private sector projects. Proven track record in managing and executing a diverse range of construction projects, including:

- **Public Infrastructure:** *Public schools, community colleges, parks, recreational buildings, gymnasiums, fire stations, and lifeguard towers.*
- **Utility & Civil Work:** *Sewer lift stations, main water and sewer pipelines, fire lines, storm drain systems, and retaining walls.*
- **Private Sector & Commercial:** *Private schools, restaurants, retail spaces, and high-end stores in shopping malls.*
- **Structural & Geotechnical Expertise:** *Deep foundation work, including drilled and driven piles using casings or polymer support, soil nailing for slope stability, and retaining walls with a natural finish.*
- **Roadwork & Site Development:** *Curb and gutters, Sidewalks, Retaining walls , driveways, and soil stabilization techniques.*

Holding a structural engineering degree specialized in soil mechanics and deep foundations, I bring both technical expertise and hands-on field experience, ensuring efficient, high-quality project execution.

Work Experience :

September 2023 - February 2025

GMZ Engineering Inc .

Westlake Village , California

Senior Project Manager / Senior Superintendent

RCB at Dockweiler Beach :

- Led the construction of a reinforced concrete box structure on Dockweiler Beach near LAX for LA County Public Works Flood Control.

- Managed all aspects of the 13' x 11' reinforced concrete box, including invert slab on grade, invert on driven piles, and a precast 110-ton section installation.
- Oversaw deep foundation work, including driven piles and sheet pile walls, ensuring structural integrity and stability.
- Coordinated dewatering systems to maintain a dry worksite and facilitate foundation construction.
- Supervised all concrete work, from walls to precast connections, ensuring quality control and adherence to project specifications.
- Ensured compliance with engineering standards, safety regulations, and project deadlines, optimizing workflow efficiency.
 - Including the Manufacturing and installation of a Stainless Steel Wave Barrier Gate and a Guard rail on top of the Concrete Box .

Project Is Successfully Completed and handed over

Mulholland Highway / Old Topanga Canyon , City Of Calabasas

Senior Project Manager / Senior Superintendent

- Led the construction of a soil nail retaining wall system to stabilize the steep mountain slopes along Mulholland Highway and Topanga Canyon.
- Managed grading, mountain trimming, and excavation to create space for new infrastructure.
- Oversaw the installation of soil nails and Tecco-mesh for slope stabilization above the retaining wall.
- Directed shotcrete application with special finishes to enhance durability and aesthetics.
- Supervised the construction of curb and gutter, sidewalk, and flat concrete work to improve roadway safety and accessibility.
- Coordinated asphalt patching along the new curb and gutter for seamless road restoration.
- Ensured compliance with structural and geotechnical requirements, delivering a successful, completed project on time and within budget.

Project: Trancas Canyon Park, City of Malibu

- Led the slope stabilization and surface drainage reconstruction for a 50,000-square-foot collapsed slope in Trancas Canyon Park.
- Managed soil nailing installation to reinforce the slope and prevent future failures.
- Directed the installation of bench drains along the slope to improve surface drainage and mitigate erosion risks.
- Oversaw the application of Tecco-mesh for added slope protection, ensuring long-term stability.
- Coordinated hydroseeding over the Tecco-mesh to restore the natural landscape with green vegetation.
- Delivered a successfully completed project, ensuring environmental sustainability and long-term slope integrity.

Project: Las Virgenes Road Improvements, City of Calabasas

- Managed the reconstruction of a slope and development of a one-mile-long decomposed granite hiking trail.
- Led the construction of three parking lots with wooden access stairs connecting to the trail.
- Installed a bio-swale drainage system for rainwater recycling, enhancing environmental sustainability.
- Supervised the construction of retaining walls to protect critical utilities, including Southern California Edison power poles.
- Oversaw the installation of surface drainage systems, including V-ditches, swales, and gutters, to improve site runoff management.
- Directed the construction of curb and gutter along the entire one-mile stretch of site improvements.
- Managed the construction of a sidewalk parallel to the roadway for pedestrian safety and accessibility.
- Led the development of a cul-de-sac at the end of Las Virgenes Road to facilitate safe vehicle turnaround.
- Delivered a completed and successful project, enhancing both infrastructure and community recreation.

Project: Ladyface Greenway Project, City of Agoura Hills

- Managed the construction of a linear park atop a 30-foot-wide by 13-foot-deep flood control channel.
- Led the execution of a bridge structure spanning the flood channel, supported by 114 friction piles (57 on each side).
- Oversaw the installation of metal sleeves around piles to prevent load transfer to the channel walls, ensuring structural protection.
- Directed deep foundation work, including permanent casings, internal sleeves, and polymer slurry to stabilize boreholes and prevent collapse.
- Managed the installation of 45-foot-deep piles, ensuring precision and load-bearing capacity.

2012 - 2023

OPTima RPM, Irvine California, Managing Partner

- Led the fit-out construction of over 500 retail stores, including high-end brands, department stores, and restaurants in California and Egypt.
- Managed projects for premium retail brands, such as Victoria's Secret & Pink, American Eagle, Levi's, Timberland, Quiksilver, H&M, Mothercare, and LC Waikiki.
- Oversaw the construction of high-end restaurants and drive-thru McDonald's locations, ensuring fast-track delivery and brand compliance.
- Played a key role in Egypt's retail expansion boom, contributing to the fit-out of major shopping malls with multi-story department stores.
- Directed end-to-end project execution, including site coordination, material selection, contractor management, and final handover.
- Ensured adherence to brand standards, high-quality finishes, and accelerated timelines for all retail and hospitality projects.
- Successfully managed projects ranging from small boutique stores to large multi-story flagship locations, delivering high-quality retail spaces.

1996 - 2011

EMAE International Inc. Santa Fe Springs - *Co Founder/CEO*

- Founded and led EMAE International, successfully delivering over 100 public works projects with a total revenue exceeding \$220 million over 16 years.
- Managed ground-up construction and renovations for public schools, private schools, community colleges, fire stations, recreation centers, and major infrastructure projects.
- Oversaw large-scale public infrastructure improvements, including sewer lift stations, fire lines, water lines, and street enhancements.
- Led the construction of notable projects, including:
 - Huntington Beach Lifeguard Tower
 - Brea Fire Station
 - Baldwin Park Art & Recreation Center
 - Baldwin Park Teen Center & Skate Park
 - Santa Ana College Softball Field & M&O Facility
 - Santa Ana College Classroom Building
 - Cerritos College Transportation Technology & Science Buildings
- Directed seismic retrofit and modernization for 30+ schools in the Whittier Union High School District, ensuring compliance with updated safety regulations.
- Spearheaded ADA compliance upgrades, including the installation of handicap ramps and accessibility improvements across multiple campuses.
- Successfully managed complex public sector contracts, ensuring high-quality execution, budget adherence, and timely project delivery.

USS Cal Builders , Culver City , California

1993-1996

Project Manager

- Managed public school construction projects for Los Angeles Unified School District (LAUSD), successfully completing three major public school projects.
- Oversaw all phases of project execution, including scheduling, subcontractor coordination, budget management, and quality control.
- Played a key role in the bidding and estimating process, including take-offs, cost analysis, and proposal preparation to secure new projects for the company.
- Ensured compliance with public works regulations, safety standards, and district requirements.
- Delivered projects on time and within budget, maintaining high-quality construction standards.

Several Locations In the LA area .

MAGO Steel Buildings , Cairo Egypt

1991 - 1993

- Developed shop drawings for structural steel factories and buildings, ensuring precision and compliance with engineering standards.
- Worked for a leading structural steel manufacturer in Egypt, overseeing design coordination with the company's in-house fabrication facility.
- Assisted the Vice Chairman in project management, client meetings, and progress tracking for multiple large-scale structural steel projects.
- Coordinated between engineering, fabrication, and construction teams to ensure seamless project execution.
- Provided technical expertise in structural steel detailing, load calculations, and design optimization for efficient steel fabrication and installation.

Education

1992

Project Management Diploma , American University Inc Cairo .

1991

Structural Engineering Degree , Ain Shams University , Cairo Egypt

Graduation project in Soil Mechanics and Deep Foundations .

Licenses : A(General Engineering) , B(General Building) , C8(Concrete) , C34(Pipe Line) ,
C36(Plumbing) , C57(Well Drilling) , C51 (Steel Structural) .

References : Furnish Upon request & Will include City Officials and Projects Inspectors .