

MAHMOUD ELHEFNAWY

Senior Road Design And Technical Office Engineer

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ABOUT ME

A Road Engineer with 9 years of experience in the design and execution of road and infrastructure projects. Specialized in performing quantity estimations for materials and resources used in road projects, with the ability to utilize the latest engineering software to achieve the highest standards of quality and Skilled in working within multidisciplinary teams .

WORK EXPERIENCE

Senior Road Design engineer | YUKSEL INSAAT SAUDIA CO. LTD. | Riyadh | Nov 2023 - Present

- Project :- Development of Wadi Al-Sulay Phase Four.
- Project :- ITS (Intelligent Transport Systems) at Riyadh City .
- Project :- Implementin Engineering Solutions To Traffic Congestions at Riyadh City.

Job Role.

- Reviewing Contract Documents .
- Designing Road Networks and Intersections .
- Preparing The Required Shop Drawings For Road Construction .
- Preparing Quantity Estimations For The Materials Used in The Project.
- Preparing The Project Timeline To Ensure On-Time Delivery Based on Estimated Quantities .

Senior Technical Office Engineer | Hassan Allam Roads & Bridges | Cairo | Apr 2020 - Nov 2023

- Project :- Alexandria - Cairo Main Road Upgrading With Total 20 KM.
- Project :- Sphinx Airport (Taxiway, Apron).
- Project :- 26-July Axis Upgrading With Total 1.5 KM.
- Project :- Alexandria - Cairo Service Road Upgrading With Total 35 KM .
- Project :- Upper Highway Road (Bani suif -El korimat) Upgrading With Total 15 KM .
- Project :- Upper Highway Road (Elsheikh Fadel-El menia) Upgrading With Total 20 KM .

Job Role.

- Review The Contract Documents at The Beginning Of The Project.
- Preparing The Bill of Quantities (BOQ) For The Materials Used in The Project.
- Reviewing The Road Design and Preparing Shop Drawings.
- Responsible For Ensuring That The Site is Supplied With All Documentation, Methods and Materials Needed To Carry out The Works.
- Responsible For Estimating Quantities To Sub-Contractors and Make Their Invoices.

Technical Office Engineer | Engineering Authority of Egyptian Armed Forces (Road Branch) | Cairo | Dec 2016 - Apr 2020

- New Administrative Capital Projects

Such as:-

- The Regional Ring Road.
- The support road for the Regional Ring Road.
- Mohammed Bin Zayed North Axis.
- Mohammed Bin Zayed South Axis.
- Extension of Al-Amal Axis.
- Roads of the Canadian University.
- Roads of Residential District No 1 & 2 & 6 .
- The Ring Road of Al-Fattah Al-Aleem Mosque.

Job Role.

- Preparing The Necessary Surveying For The Project.
- Quantity surveying and Preparing (BOQ) For The Materials Used in The Project .
- Preparing Shop Drawings .
- Preparing The Required Surveying Sheets For Executing The Roadworks in The Project.
- Preparing The Invoices For companies .

SKILLS

- Civil 3d
- Subassembly Composer
- Dynamo
- infraworks 360
- Navisworks
- Global mapper
- ArcGIS
- Ms office
- Sokia link
- Google earth

EDUCATION

, Misr Higher Institute for Engineering and Technology, Al-Mansoura | 2016

- Overall Grade: very good

PERSONAL DETAILS

Date of birth

22 Jun 1993

Marital status

Married

LANGUAGES

- Arabic (Superior/Native)
- English (Advanced High)