

To Whom It May Concerns

I'm writing this letter in response to the position of **Traffic Engineer** based on KSA-Medaina and being advertised recently by **Ineco**. I have **Eight** years of hands-on experience (Transportation and traffic engineering) in well-known consulting companies which carried out mega projects over the GCC; this would be suitable to success in this opportunity. Another issue that could be a plus for my application is that I have been publishing papers through Saudi Aramco Research Center for Traffic Studies in University of Dammam sponsored by Saudi Aramco Company, Also I have strong and abroad experience in all kinds of traffic studies including such as ITS and traffic assessment studies.

I hope to use my past experience and special training to secure this position which related to my specialty and to become an asset to **Ineco**. I hold MSc degree in Civil Engineering-Transportation & Traffic which was obtained from Jordanian University (JU).

Some of the skills I possess that make me an excellent candidate for this position include being proficient in Transportation and Traffic Softwares (**Synchro, Sidra, HCM, VISSIM, VISUM, TRANSCAD**) also, I have strong experience in road design softwares (**CIVIL 3D 2012, 2013 and Land Development and MX-Road**), - here attached some docs - and. I have experience managing, scheduling and coordinating the details of various work assignments. I'm self-motivated, pay close attention to details and I'm always enthusiast and ready for a challenge.

Sincerely,

Omar AL-Jabari

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Personal Details

- **Full Name** : Omar Nader Hussein Al-Jabari
- **Place of Birth** : Karak – Jordan
- **Date of Birth** : May 26, 1983
- **Nationality** : Jordanian
- **Marital Status** : Married.

Education



- 2009: Jordanian University (JU)

Degree : MS.c in Civil Engineering - transportation and highway
geometric engineering

Thesis Title : “ Trip Attraction Model for fast food restaurants in Amman ”

GPA : (3.94) (Excellent).

- 2006: Jordan University of Science & Technology (JUST)

Degree: B.Sc. in Civil Engineering (Transportation Branch).

GPA : 78.7 (V.Good).

* Attain the 3rd order in the Qualification Exam over all civil engineering departments in Jordan Kingdom

Experiences

Sep. 29, 2012 –
Present



أرامكو السعودية
Saudi Aramco



- University of Dammam-Aramco (Lecturer and traffic safety researcher)

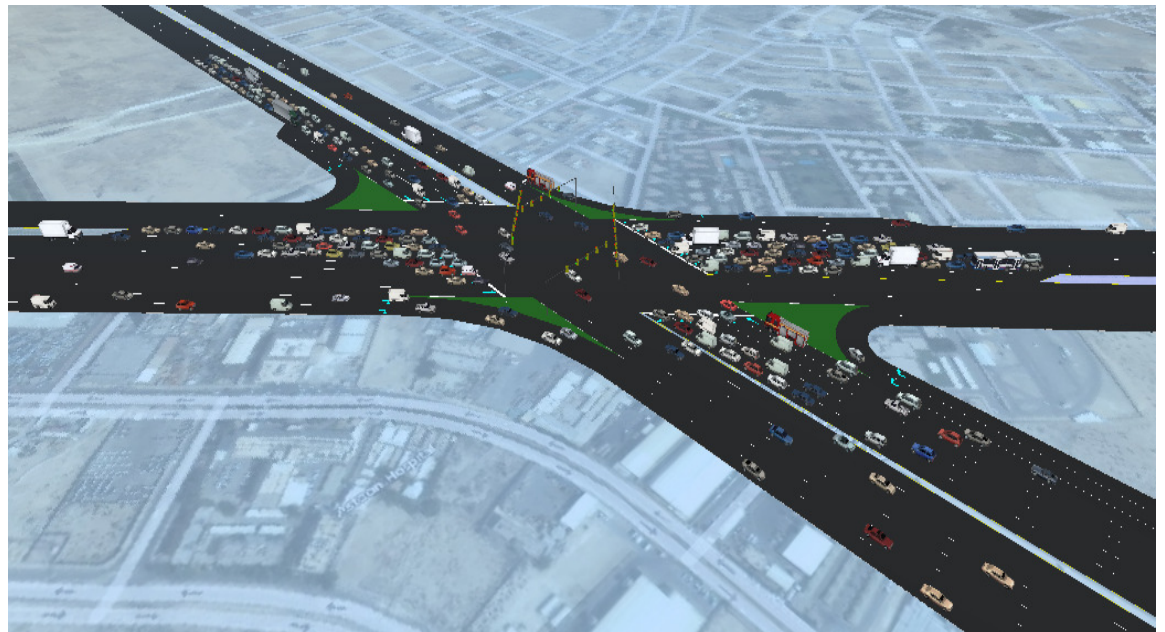
Responsibilities & Projects:

- Technical activities manager of Aramco Chair for traffic safety projects in parallel as a lecturer , know I'am are currently working in seven mega traffic projects which involve all issues of traffic operation, design, management, and simulation and uses different kind of softwares: Visum, Vissim, Transcad, Arc GIS, Vistro. Synchro, HCS: some of these projects are:

NOTE: OUR RESEARCH CENTER WOULD BE LEADING IN UTILIZING A NEW RELEASE OF PTV TRAFFIC SIMULATION PRODECT WHICH IS **VISUM-SAFETY**

Projects

1. Traffic impact study (TIS) for the uni. Hospital which is considered one of the biggest hospital in EP-KSA with (GFA) of 20000 sq.m. It involves different kind of activities such as: Faculty of medicine, The Complex of external clinics, Health care center, etc. The project involves different kind of mitigation measures to reduce the impacts of the hospital (optimization the timing of the signals, changing the combination phasing, and re-geometric design of the intersections for more safety, mobility, and better Level of Service (LOS).

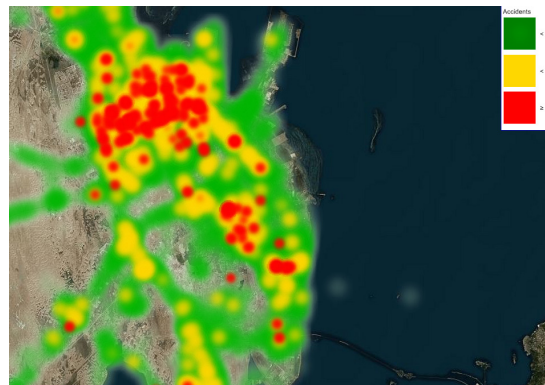


2. Micro-simulation models to re-design the interchange of GCC freeway with Abqiq highway in order for more efficiency, reduce the high delay values, queues due to large number of trucks, and enhance the LOS and safety (reduction in serious crashes) utilizing computer aided software (Vissim).



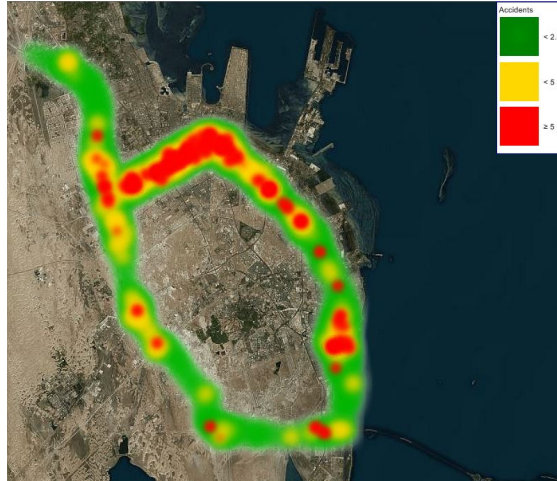
Researches

1. Evaluation the impact of red-light camera (SAHER) on the reduction the number and type of traffic violations and accidents. (Principal Investigator)



2. Traffic Accident Prediction Models in terms of the influence of Road Conditions and Operational Characteristics of the Road's Network in EP – KSA.(Principal Investigator).
- 3.

4. Comprehensive corridor safety study for GCC expressway and King Fahed highway to evaluate road safety.



- Prepare traffic master plan and models for the new extension of the university in accordance with different stakeholders.
- Teaches civil engineering courses (ex: Surveying, traffic, and road design).
- Follow up civil labs (traffic, material).
- Prepare technical proposal workshop for different government agency to prepare traffic management plan for prince Mohamed bin Fahed street to reduce delay and enhance LOS.
- Teaching some staff from different government agencies including EP municipality and some staff from Saudi Aramco through workshop how to use micro simulation model for optimization the traffic signals using SYNCHRO

- Dar AL-Omran (Infrastructure)

Responsibilities: (Road and Traffic Engineer).

1. Follow up all transportation projects and perform all types of traffic studies (traffic impact, parking study, etc.). using (SYNCHRO, SIDRA, HCM, VISSIM, VISUM)
2. Detailed geometric design for different kind of facilities such as (highways, train track and road networks) using **CIVIL 3D 2012**.
3. Prepare drainage and storm water reports for different types of projects which include culvert, ditches geometry design etc.
4. Comprehensive Training on different softwares (**VISUM, VISSIM**).
5. Detailed geometric design for bridges and tunnels using advanced skills in **CIVIL 3D 2012** software.
6. Prepare pavement design study which include the calculation of ESAL
7. Prepare manually and by using **CIVIL 3D 2012** the bill of quantity (BOQ) and cost estimate for road projects.
8. Follow up all quality control for all projects.

Nov. 14, 2011 –
Sep. 27, 2012



Projects:

- Arab Railway Project

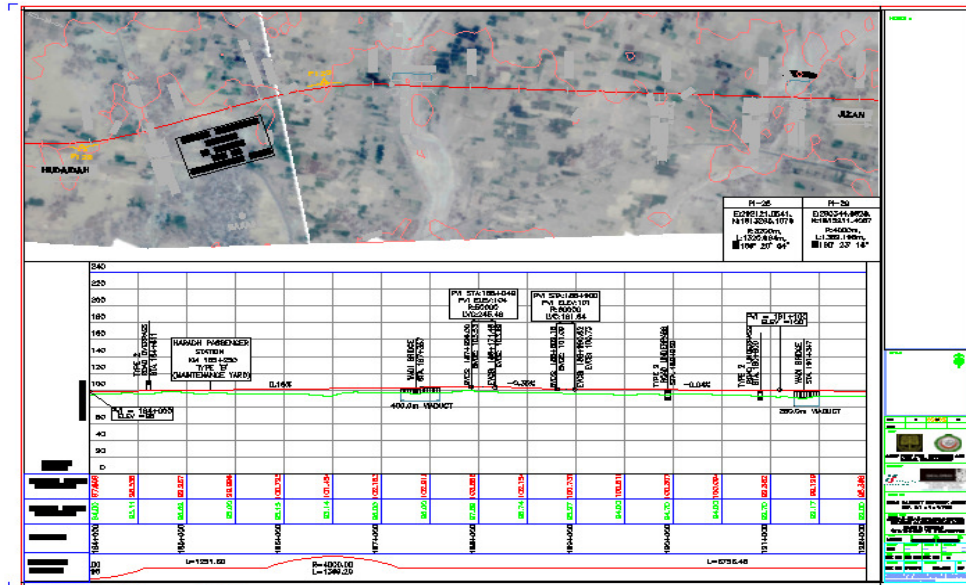
This project involves geometric design of railway gauge line crossing most of the arab countries which connect the far west (Morocco) with far east (Gulf countries). It includes new design (single or doubling) or upgrading of the existing one also design other components such as (crossing station, city station, viaducts, tunnels, road crossing (underpass or overpass) using **CIVIL 3D 2012**.

* Yeman (Al-Hudaidah) – Saudi Border (Harad) (Length=199 km).

* Saudi Border (Haradh) – Jeddah (Length = 717.74 km).

* Syria (Al-Sharqiah – Palmyra – Dair Az Zoor (254 km).

* oman (Muscat – Sinaw (175 km).



- Traffic Impact Study (TIS) for Orange Telecom. City in Amman

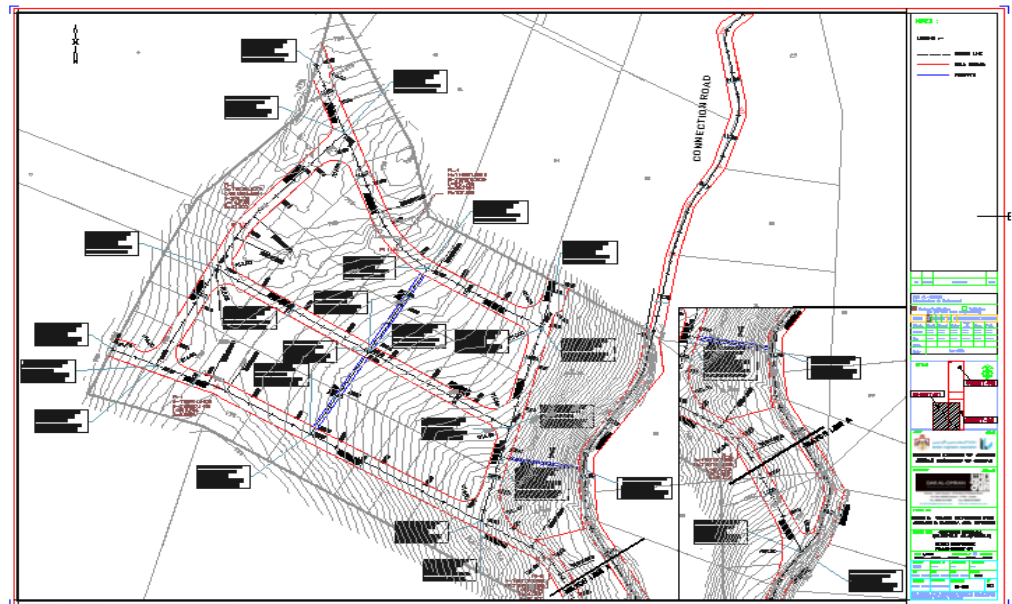
It is a huge project which includes land area of 240,000 sq.m and a buildup area of more than 1,000,000 sq.m with different type of land – use also, study in details the parking demand and supply and propose for best circulation. Then attend and make oral presentation of findings to Greater Amman Municipality (GAM).



Figure [2]: Study Area.

- **Jordanian Engineering Association (JEA) Housing Projects (Madaba – Maein)**

It is a housing project located in Madaba to the south-west of Amman it is an urban area of 126 acres. The project involves different kind of village roads. Also, the area include realignment of the existing wadi and propose for a new channel, this include determine the catchments, and continue for hydrological process.

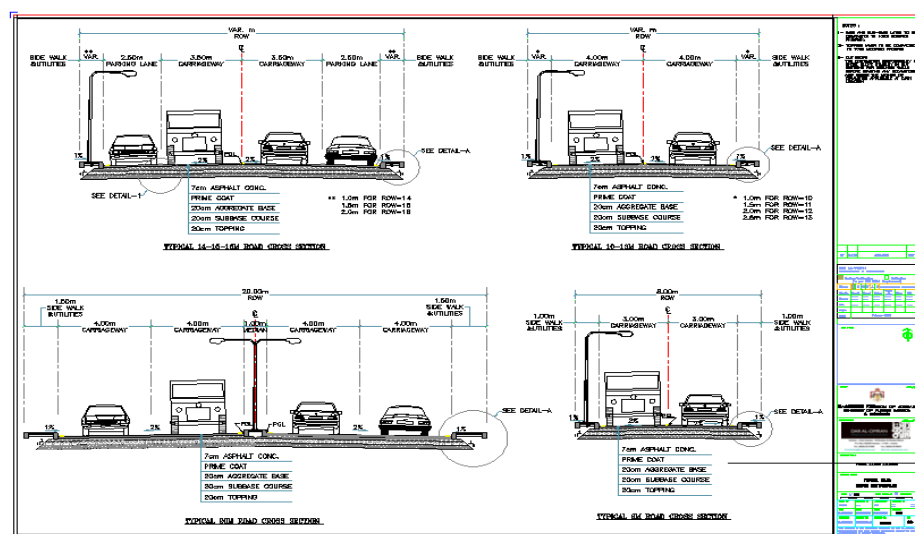


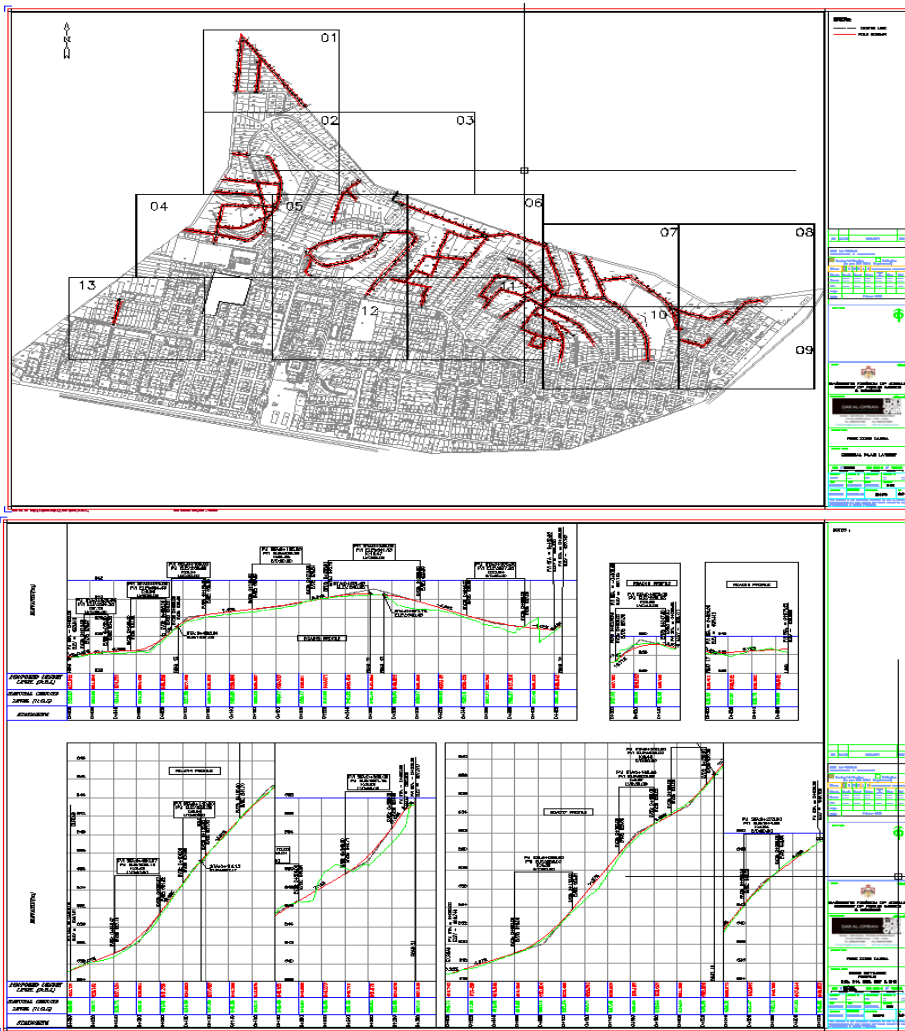
- **Expansion of Zarqa Free Zone**

The project involves evaluation and providing infrastructure facilities for a new extension towards north of about 800 acres.

The new zone involves road geometric design for approximately 14 Km with several Right of Way (ROW) (8, 10, 11, 12, 13, 14, 15, 16, and 20)m, also prepare hydrological, **traffic**, pavement design studies and decide for appropriate drainage structures, also providing retaining walls

Project Coordinator (Pc) for this project to communicates with other engineering dislines (mechanics, electrical, water) in coordination with Ministry of Public Works and Housing (MPWH)





- Al-Zarqa – Al-Azraq freeway

It is one of the huge infrastructure project with a length of 60 km, eight lanes divided highway, two major directional interchanges, four diamond interchanges to serve Zarqa and Azraq.

The freeway has a facility for landing and takeoff for aircrafts, and two weighting stations (the freeway will serve oil trucks) and waiting lots for both trucks and cars.

- Omrania & Associates & Galaxy

Responsibilities: (Infrastructure Engineer)

1. Prepare detailed **GRADING PLAN** using **CIVIL 3D** for different kind of buildings to determine the **FINISH FLOOR LEVEL** of them with taking into consideration some issues (slope limits, handicap, curbs, parking, drainage etc.) in communication with architectural department.
2. Detailed geometric design for different kind of facilities such as (highways, runway, apron and road networks, etc.) using **CIVIL 3D 2012** and **CIVIL 3D 2009**.
3. Drainage and Storm water design of large scale project and checking them using **3D 2009** and **CIVIL 3D 2012**.
4. Other duties related to infrastructure studies (sewer system, catchment areas, etc.).

Projects:

- Mecca Heliport

It is a large-scale project of 4 km² area near mecca, the project includes design of roads layouts, runways, apron and storm water system.

Jan. 03, 2011 – Nov.
13, 2011



Oct. 29, 2006 – Dec.
31, 2010



- PVPV Projects

They are projects of Promotion of Virtue and Prevention of Vice agency (PVPV) in Saudi Arabia, they include preparing **GRADING PLAN** and determine **FINISH FLOOR LEVEL (FFL)** for the following sites:

- Al-Jame'ayeen Site (Jeddah city)
- Safra Site (Al-qaseem city)

- Consolidated Consultant Company (C.C.)

Responsibilities:

- 1) Prepare Traffic Impact Studies for different types of buildings (Shopping centers, multi-use buildings, towers, etc.,) using HCM, Synchro and Sidra.
- 2) Prepare traffic studies and full geometric design (roads, access points, bus channels, etc) for Bus Terminal based on global requirements (AASHTO).
- 3) Prepare detailed parking circulations and signs systems for roads And different types of building (Towers, Trading Centers, etc.)
- 4) Part of all Master Plan teams especially in Amman Master Plan team (AMP).
- 5) Prepare traffic management system for a traffic problem.
- 6) Prepare detailed drawings for roads, highways, urban areas using Land Development software. These drawings includes such as profiles, cross sections, etc.
- 7) Prepare tender documents, cost estimates, BOQ's, miscellaneous details for a variety of road projects in Jordan and over other countries such as Angola, Libya, etc.
- 8) Geometric design for a system of road networks for a new urban area with taking into consideration different issues such as the amount of cut and fill and drainage behaviors.
- 9) Cooperation with other engineering disciplines to make precise and comprehensive master plans through providing either geometric and traffic recommendations.

- Traffic Experience

- **Rehabilitation of Salt – Arda highway**

This project includes evaluation the level of service of the and number of lanes of the highway, also it includes all type of traffic surveys (O-D, MCC, MCTMC) for the major intersections along the highway and weighting of axles to design the pavement.

- **Design and Rehabilitation of Bus Terminals in Jordan.**

Prepare detailed design and rehabilitation plans for the bus terminals in 10 governorates in Jordan, the design includes road profile, bus channels (length and width), pedestrian facilities (sidewalks, and pedestrian crossing) based on global standards and specifications (AASHTO) and other requirements mentioned in the tender (police station, bathrooms, mosque, etc.).

- Traffic Impact Study for ALMA'ABAR Abdoun-Five-Star Complex

Prepare traffic impact study for a big complex nearby fifth roundabout in Amman, this complex includes five-star hotel and luxury residential area which includes apartments served by commercial zone.

- Consolidated Consultants (CC) Forth Building Parking Study

Prepare detailed parking circulation plan and sign system for the new (CC) building parking garage.

- Garage traffic circulation study

Prepare detailed parking circulation plan and sign system for multi story garage having some activities (stores, restaurants, etc.,) in Tripoli – Libya.

- Ajloun Down Town Traffic Study

Study and provide solutions for the traffic problems (congestions, parking) in the city center of Ajloun governorate with taking into consideration the impacts of its master plan in the future.

- Traffic Impact Study for The Arab Jordan Investment Bank Headquarters (AJIB) Project

Prepare Traffic Impact Study (TIS) and tender documents for the big bank (AJIB) adjacent to 6th roundabout in Amman.

- Limitless Tower Project

Design parking circulation plans and internal signs systems for Limitless Tower project in Amman, Jordan.

- Jordan Gate project

Design parking circulation plans and internal signs systems for Jordan Gate Tower project in Amman, Jordan.

- Irbid – Al Manarah Traffic Management project

Traffic Management for 5-leg intersection in Irbid, Jordan

- Prepare Traffic Map for the Aqaba City

Evaluation the level of services for various major intersections in Aqaba city in the present and un the future. Also, make detailed traffic auditing for different kinds of roads (major arterials, feeders, and locals) accompanied with appropriate traffic solutions.

- Traffic Impact Study for a MUC- Al-Dakhliyah Project

Prepare Traffic Impact Study (TIS) and tender documents for a multi-use building adjacent to Al-Dakhliyah roundabout in Amman.

- Amman Master Plan

Member in Amman Master Plan Team.

	<p>- PTRC Project</p> <p>Member in Public Transport Regulatory Commission team for buses routes project.</p> <p style="text-align: center;"><u>- Road Geometric Design Experience</u></p> <p>- Fuel Tank Road Project (Luanda, Angola). 4.5 km highway long, 2 lanes with shoulders.</p> <p>- Queen Rania Hospital Road Project (Jordan, Wadi Mousa). Redesign existing road to provide low slopes. It is 2 km road long with sidewalks.</p> <p>- Busayrah Entrance Project. Geometric design for T- intersection regulated with roundabout in Busayrah, Tafeilah, Jordan.</p> <p>- Tafeilah - Al Ghour Road Project. Establish reconnaissance survey and design best three alternatives for a road connects Tafeilah with Al-Ghour. It is 23 – 24 Km long, 2 lane with shoulder.</p> <p>- Rehabilitation The Dead Sea Road Project Participate in geometric design to rehabilitate the Dead Sea road.</p> <p>- Lubango Project, Angola Prepare Urban geometric design, BOQ, and tender documents for a road networks in Lubango city, Angola.</p> <p>- ZR6B Project, Angola Prepare Urban geometric design, BOQ, and tender documents for a road networks in a city, Angola.</p> <p>- Ex-Petro Project, Angola Participate in a project to prepare urban geometric design, BOQ, and tender documents for a road networks in Ex-Petro city, Angola.</p> <p>- CCB7 Project, Angola Participate in a project to prepare Urban geometric design, BOQ, and tender documents for a road networks in Angola.</p> <p style="text-align: center;"><u>Other Experience</u></p> <p style="text-align: center;">- Teacher assistant (TA) for three years (2006-2009) during MS.c</p>
August 8, 2006 – October 28, 2006	<p>- <u>Al-Hussaini Group Company</u> * Civil Engineer to construct a huge trading center in Amman.</p>

<i>Personal Skills And Certificates</i>	<ul style="list-style-type: none"> • In-depth Training courses in modeling system using advanced softwares (VISUM, VISSIM, VISTRO, VIS-WALK,). • Training Courses and certificate in “GIS system” Geographical Information System in managing the natural resources and land use. • Training courses and certificate in Technical Writing in both languages Arabic and English. The training took place in the training center of Jordanian Engineers Association (JEA) during period of Aug. 3 – 7, 2008 ▪ Excellent utilizing traffic softwares Synchro, HCM, and SIDRA operations. ▪ Excellent AutoCAD operation on all releases (2000-2012). ▪ Professional in Microsoft Office (Word, Excel, Internet & power point). • Good Knowledge in using Arc View program through GIS. • Professional in using “The Global Position System (GPS)” machine in determining the position and use it through ArcView program • Good knowledge in using Prokon program in analyzing and designing the structural members such as beams, slabs, footings, & columns. • Took an advance course in design the structural members “Concrete 2” such as slender column, biaxial columns, two-way & slab. • Participated in Jordan International Conference on Sustainable Development of Transportation Systems on April (13-15),2004 in Radisson Sas Hotel
<i>Languages</i>	<ul style="list-style-type: none"> • Arabic: Mother tongue (Fluent). • English: Excellent in speaking, writing & reading.
<i>Professional membership</i>	<ul style="list-style-type: none"> - Jordan Engineers Association (JEA) - Transportation and Road Committee in (JEA) - Aramco Chair for traffic safety.
<i>References</i>	Available upon request.