

**Faris Mouasher**  
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**Education:**

Bachelor of Science Degree, Civil Engineering, December 1990  
University of Arizona, Tucson, AZ – U.S.A

**Professional Memberships:**

Institute of Transportation Engineers (ITE)  
Intelligent Transportation Society of Arizona (AZITS)  
Jordan Engineers Association (JEA)  
Saudi Council of Engineers (SCE)

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**Experience Summary:**

I possess over 34 years of experience in the field of traffic engineering. My areas of expertise include traffic design, traffic impact studies and advanced traffic management systems for large scale projects worldwide. I was responsible for preparing a number of detour plans during road work activities for major construction projects.

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**Experience Details:**

**Organization:** Traffic Engineering System (TES)

**Years:** February 2016 to Present

**Location:** Amman, Jordan

**Position:** Project Manager

- Responsible for the several traffic management design for the Aqaba South Port Gates Roads and Aqaba South Port Interchange projects in Jordan. The projects included traffic signing, pavement marking design, traffic signal design and intelligent transportation system (ITS) design.
- Responsible for preparing a large number of traffic impact studies (TIS) for large scale developments in Jordan. The traffic impact studies involved collecting significant amounts of traffic data including traffic volumes.
- Performed detailed traffic capacity and level of service analysis to identify the traffic operations along the adjacent street network to these developments in the existing and future years and recommend mitigation measures when required.
- Assisted in preparing the tender documents, performing traffic analysis and traffic design for the area wide transportation system in Al Qatif Governorate Area covering 42 Major Intersections.

**Organization:** SETS International

**Years:** April 2014 to November 2015

**Location:** Riyadh, Saudi Arabia

**Position:** Lead Traffic Engineer

- Responsible for the Riyadh Metro traffic management and detour design in Riyadh, Saudi Arabia during the construction of this major large scale project. The project included traffic signing design, pavement marking design, traffic signal design and intelligent transportation system (ITS) design.
- Responsible for the traffic design for a developed area master plan in Riyadh including the traffic signing, pavement marking design, traffic signal design and intelligent transportation system (ITS) design.

**Organization:** Traffic Engineering System (TES)

**Years:** April 2013 to March 2014

**Location:** Amman, Jordan

**Position:** Project Manager

- Responsible for preparing a large number of traffic impact studies (TIS) for large scale developments in Jordan. The traffic impact studies involved collecting significant amounts of traffic data.
- Performed detailed traffic capacity and level of service analysis to identify the traffic operations along the adjacent street network to these developments in the existing and future years and recommend mitigation measures when required.
- Responsible for the traffic design for Al Rashdieh Heavy Truck Area project in Jordan. The project included traffic signing design, pavement marking design, traffic signal design and intelligent transportation system (ITS) design.

**Organization:** Al Khodari contracting Co.

**Years:** September 2011 to April 2013

**Location:** Jubeil, Saudi Arabia

**Position:** Project Manager

- Responsible for an Engineer, Procure and Construct contract for an area wide traffic management system project for the Royal Commission of Jubeil covering 102 Intersections in Saudi Arabia. The traffic management system project involved the design, procurement and construction of variable message signs, closed circuit television cameras, vehicle detection cameras at signalized intersections and traffic management system control center.
- Prepared periodic project management and progress reports for the client and managed a staff of over 100 people assigned to the project.
- Prepared monthly invoices, oversaw a large number of construction equipment and maintained a construction log of all aspects of the project.

**Organization:** Traffic Engineering System (TES)

**Years:** August 2006 to August 2011

**Location:** Amman, Jordan

**Position:** Project Manager

- Responsible for preparing a large number of traffic impact studies (TIS) for large scale developments in Jordan. The traffic impact studies involved collecting significant amounts of traffic data.
- Performed detailed traffic capacity and level of service analysis to identify the traffic operations along the adjacent street network to these developments in the existing and future years and recommend mitigation measures when required.
- Responsible for the traffic design project of Wadi Araba Industrial Zone in Jordan. The project included traffic signing design, pavement marking design, traffic signal design and intelligent transportation system (ITS) design.

**Organization:** Parsons

**Years:** November 2004 to August 2006

**Location:** Doha, Qatar

**Position:** Traffic/Highway Engineer

- Performed detailed traffic capacity and level of service analysis during the design of the Doha Expressway/Salwa Road project for over 75 kilometers of freeway and 35 intersections to identify their configuration and traffic operations for these road components.
- Responsible for the traffic design project of the Doha Expressway/Salwa Road project covering 75 of freeway and 35 intersections consisting of traffic signing design, pavement marking design, traffic signal design and
- Developed the traffic signing design, pavement marking design, signal design and intelligent transportation system (ITS) design for Zone 54 in Doha.
- Developed the traffic signing design, pavement marking design, signal design and intelligent transportation system (ITS) design for Al Shamal area in Qatar.
- Developed the intelligent transportation system (ITS) design along Al Waab Street in Doha in preparation for a sports event.

**Organization:** Traffic Engineering System (TES)

**Years:** October 2000 to October 2004

**Location:** Amman, Jordan

**Position:** Senior Traffic Engineer

- Responsible for the traffic impact study and design project for Wadi Al Seer to Iraq Al Amir Road and Iraq Al Amir to Dead Sea Highway Road which included traffic analysis, traffic signing design and pavement marking design.
- Responsible for a feasibility study to build a 230 kilometer long road between the cities of Dhamar and Al Husseinieh in Yemen. The feasibility study involved collecting significant amounts of traffic data including traffic volumes, origin destination (O/D) information and weighing of heavy vehicles for pavement design purposes.

**Years:** March 1998 to January 1999

**Location:** Amman, Jordan

**Organization:** Consolidated Consultants (CC)

**Position:** Civil Engineer

- Responsible for the feasibility study to build a Light Railway System (LRS) to transport passengers between Amman and Zarqa.
- Assessed the transport system between Amman and Zarqa including the proposed LRS alignment and estimated the number of passengers expected to use the LRS.
- Prepared the traffic impact study for the Le Royal hotel in Amman.

**Years:** June 1993 to May 1997

**Location:** Phoenix, AZ, USA

**Organization:** JHK and Associates

**Position:** Traffic Engineer

- Responsible for a 4-year before and after Freeway Management System evaluation study conducted on 35 miles of freeway in Phoenix, Arizona for the Arizona Department of Transportation (ADOT).
- Responsible for the traffic signal design of 30 intersections in Detroit, Michigan along Gratiot Avenue including the Detroit downtown area for the Michigan Department of Transportation (MDOT).
- Responsible for the traffic signal design for 30 intersections in Detroit, Michigan along Hoover and Van Dyke Avenues for MDOT.
- Evaluated the efficiency of the traffic signing system along the I-17 and SR 179 between Phoenix and Sedona for ADOT.
- Developed criteria to rank all the traffic interchanges in the state of Arizona based on their priority for improvement for ADOT after conducting extensive site visits to these interchanges and recorded their traffic design condition information.