

Abdullah Al- Adhami

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Executive Summary

A Civil engineer with 2 years' experience in transportation engineering field, practical experience in parking studies, road safety audit, traffic signal timing, traffic flow performance and saturation flow rate estimation, looking for an opportunity with engineering firm where I can contribute toward clients satisfaction and firms' values, as well as improve my professional experience.

Skills

- Over 2 years' experience in transportation engineering.
- Master of Science in civil engineering and eligible for registration with Professional Engineers Ontario (PEO).
- Proficiency with HCM 2000, AutoCad, Primavera P6, Microstation and Microsoft Office.
- Practical Knowledge in HCM 2000 and Webster Methods for Signal Timing.
- Analytical critical thinking and Problem solving skills
- Effective interpersonal communication with ability to establish and maintain positive working relationships at all levels
- Strong organization and time management skills, able to manage changing priorities and meet high deadlines.
- Collaborative team player with effective leadership skills, able to work with minimal supervision.

Work Experience

Civil Engineer

Private practice

Apr2016-Oct 2017

- Analyzed traffic performance at congested signalized intersections in Amman, significant delay and long queues existed due to inappropriate signal timing as well as phasing configuration. Traffic studies along with site investigations were conducted using either Webster or HCM methods. Resulted findings showed that LOS can be improved from F level to B or C levels.
- Conducted parking study for public curbs and private lots in order to determine the parking loading, parking demand, parking supply and turnover rate. Resulted work presented the solution for the future parking lots configuration which in turn reduces the congestion on main streets.

Traffic Engineer

Dar Al-Omran Infra., Jordan

Jan2015 – May 2015

Dar Al-Omran is a multidisciplinary consulting firm that possesses staff, tools, equipment, technical and managerial qualifications to offer clients contemporary solutions.

- Forecasted traffic demand for rural intersections with respect to recommended geometric improvements using traffic data supplied by Ministry of Public Works and Housing (MPWH). Traffic data was unavailable for many locations therefore; site visits along with analytical techniques were used to solve the problem, comprehensive traffic reports were prepared to show the clients the reason of performing such improvements.
- Participated in rural roads design using civil 3D software as a member of design team resulted in smooth, safe and comfort traffic flow. Practical judgment plays an advantage to match between existing roads geometric and required specifications in order to save time and costs.

Highways Condition Surveyor

JUST, Jordan

Dec2012–Sep2014

- Investigated the surface condition for the primary roads in Jordan using (PQI) method for surface condition and (PSR) method for surface ride ability.
- Developed comprehensive database for the primary road network which is used by roads engineers at Ministry of Public works as a reference for now and future road maintenance.
- Established maintenance and rehabilitation strategies based on PQI rating of those roads. This work
- Developed performance models with significant (R2) that estimate roads condition after 5, 15 and 20 years without need for site investigations and surveying equipment's.

Education & Professional Development

M.Sc. in Civil Engineering, Jordan University of Science & Technology

Project: Development of Pavement Quality Index (PQI) for the Primary Road network in Jordan.

B.Sc. in Civil Engineering, University of Bahrain

Project: Effect of Viscosity Modifying Admixtures (VMA) on concrete mixes.

Other Experience

Volunteer, Treasure Hunt Participants Instructor - (Bahrain) Dec 2009

Volunteer, ITIS Conference Participants service - (Bahrain) May 2008