

MUHAMMAD ZAMAN SHAH

Traffic/Transport Engineer



Contact Details



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Education

Bachelor Civil Engineer
Mehran University, Pakistan

MSc. Transport & Planning
Cardiff University, United
Kingdom

Certificate

- IOSH
- Temporary Traffic Management Course (LANTRA Approved)

Languages

- English
- Sindhi
- Urdu

Experienced Traffic/Transport Engineer with over 17 years of experience in Traffic safety inspections, Traffic accident investigation, Traffic impact studies, Parking studies and Airport Planning.

Experience

➤ Traffic Safety Engineer

IDS, Saudi Arabia , Apr 2025 - todote

- Planning and implementing temporary traffic control measures, detours, and road closures.
- Oversee the setup of temporary signage, barriers and lane closures
- Coordinate with construction teams, and law enforcement to ensure smooth detour execution.
- Conduct field inspections to verify compliance with safety standards.

➤ Traffic Safety Engineer

Bureau Veritas, Saudi Arabia Sep 2023 to Nov 2024.

Traffic Accident Investigations for Royal Commission Alula

Assisted in traffic accident investigation of more than fifteen accidents involving injury and fatalities

- Identified the cause of an accident.
- Examined vehicles and the accident scene.
- Analyzed accident scene photographs.
- Prepared the crash reports.

Traffic Safety Assessment/Inspection for Royal Commission Alula

Team leader for road safety inspection of existing road network for following roads/areas.

- Section Al Jadidah Old town Alula (5KM)
- Section Alula Airport Road (12KM)
- Alula County Road 375 & Road 70 (120 KM)
- Madinah Road.
- Internal roads of Alula Airport.

Intersection improvement.

- Taymaa city intersections improvement.
- Tharba/Abu Raka intersection improvements.

Issuing Road safety (Royal Commission Alula)

Issue permits to facilitate the construction activities according to the standards.

Prepare traffic calming measure report near schools.

Standards/Codes

- *Manual on Uniform Traffic Control Device (MUTCD)*
- *International Civil Aviation Organization (ICAO)*

➤ **Traffic Engineer**

Sarwar Engineering Works, Aug 2018 - July 2023

- Ensuring all work is carried out per the traffic safety standards.
- Road safety inspections of Hyderabad-Mirpur Khas Road and Hyderabad -Tando Adam Road.
- Assist Preparing Temporary Traffic Management Plans.
- Work with the traffic team to ensure the delivery of continuous improvement.
- Liaise with the Technical team and government representatives, attending meetings as necessary.
- Actively promote Health and Safety in the workplace, ensuring awareness among the employees, and developing and mentoring junior staff.
- Prepare professional reports, meeting notes, and technical presentations.

➤ **Traffic Engineer**

Nesma & Partners · Sep 2014 - May 2018

Traffic Engineer Riyadh Metro Project My duties included:

- Perform field investigations and inspections and evaluate existing conditions on signage's and pavement marking.
- Plan detour routes to minimize disruption and congestion.
- Ensure detour do not impede access for emergency vehicles.
- Followed guidelines of Manual of Uniform Traffic Control Devices (MUTCD).
- Monitor the site condition to ensure safe traffic conditions and traffic flow.
- Review of stakeholder requirements for traffic management.
- Prepare a daily, weekly, and monthly inspection report in prescribed format.

➤ **Traffic Engineer**

Syed Engineering Works, Jul 2011 - Aug 2014

- Assist in preparing Temporary Traffic management plans for Nawab Shah City, Sakrand Kazi Ahmad City Roads.
- Identify high-risk areas and recommend corrective actions, such as additional signage, barriers.
- Conducted inspections and maintenance during construction and managed traffic plans during construction.
- Participates meeting with stakeholders.

➤ **Transport Planner**

Gulf Engineering House, Dec 2008 - Apr 2011

- Prepared traffic impact studies for Jeddah, Makkah, and Taif to determine appropriate control measures.
- Parking studies of Dahran Health Center at Saudi Aramco Headquarters. Due to increased demand for advanced medical facilities, DHC faced traffic circulation and a lack of parking spaces.
- Traffic safety study of Doha Dana Road for Saudi Aramco.
- Upgrading MUTCD of the Kingdom of Saudi Arabia under the United Nations Development Program and Ministry of Transport.
- Maintained professional communications with customers, internal team members, and external stakeholders.

➤ **Airport Planner**

ECIL, Pakistan, Apr 2007 - May 2008

- Study of up gradation of Multan International Airport including Planning of Runway, Taxiway, and Apron.
- Preparation of Multan International Airport Master Plan by following the ICAO Airport Planning manual guidelines.
- Work with the airport planning team to design the new terminal building and upgrade the airside facilities at Multan International Airport.

➤ **Traffic Engineer/Civil Engineer**

Sachal Engineering, Apr 2006 - Mar 2007

- Ensuring all work is carried out following the traffic safety standards.
Work with the team to ensure the delivery of continuous improvement.
- Liaise with the Technical team and government representatives, attending meetings as necessary.
- Prepare professional reports, meeting notes, and technical presentations.