

**Mohammad Noor “Naeemi”**

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**Date of birth:** April, 02, 1982



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**Summary:**

Master in Civil Engineering with Specialization in Transportation Engineering and over 15 years' experience Oriented to Business Intelligence insights for Consultancies and Markets, including calculations, Assessments, Study and reporting in Transport.

**Professional Profile:**

Having master's degree in **Civil Engineering with Specialization in transportation Engineering from India**; and Bachelor from Nangarhar University at 2006. The Participation in international conferences such as NCTACE and IRF/WRM were good discussions in transportation field. Technical research and case studies for Afghanistan conditions supported my overall technical part. Book published in road pavement parts and printing of second one in near future are big achievements in this regard. Technical training and workshops were supported the technical part. In addition, the job of adviser to the minister and directorate of MoPW design board was to establish the system for planning and design correction. Finally, it was good opportunities to work over 16 years in topographic survey for various projects (Building, Roads, Pipe Schemes, and Irrigation) around the country was good experience in survey field. Topographic survey followed by road design highways, streets etc. was second step in transportation engineering field.

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**Educational Background:**

**Master of Technology in Civil Engineering** (Specialization in Transportation Engineering)  
2014 – 2016

Lovely Professional University Punjab, India.  
2001 – 06,06,2006, civil engineering,  
Nangarhar University, Afghanistan

**Bachelor in Civil Engineering**

**Diploma in English Language**

2011 – 2012, one year Diploma in English language  
Rana Institute of Higher Education, Kabul, Afghanistan

**F.Sc:**

1988 to 2001, Kwait-Al Khair High School,  
Wardak Province, Afghanistan.

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## Researches / Case studies

1. **Investigation of Capacity and Causes of Congestion at rotary intersection:**  
2016, A case study on Traffic Rotary  
Punjab, India.
2. **Improvement of the Defects in Flexible Pavement:**  
2016, Kabul Bagram Highway (KBH),  
Punjab, India.
3. **A Descriptive Study of Road Accidents and Their Safety:**  
2018—2019, Afghanistan Conditions  
Kabul, Afghanistan

## International Conferences Attended:

- 2017 (14th to 17th), Participation in *18th IRF World Road Meeting (IRF/WRM) on safe roads and smart mobility international conference*, Delhi, India.
- 2016, National Conference on Technical Advancement in Civil Engineering, at LPU, Punjab, India.
- 2018, Participation in National Research Conference in Kabul, Afghanistan.

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## Language Proficiency:

Pashto	Native language,
Dari	Excellent in Speaking, Listening, Writing, and Reading
English	Good in Speaking, Listening, Writing, and Reading

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## Excellence Letters

- 2014, an excellence letter by Afghanistan Ambassador in India due to high grade of marks in M.Tech Civil Engineering.
  - 2018, an excellence letter by Mustaqbal Institute of Higher education due to presenting of technical presentation to lecturers and educators.
  - 2014, best employee of the year 2014, at Asia Geo Engineering and Ally Engineering Solution (AGE&AES).
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**Engineering Trainings:**

- 2006, Management and CTTC / USAID Jalalabad Main office Training for Site Engineer.
  - Site Engineering Training by IRD (USAID), March 15, 2006, Jalalabad Afghanistan.
  - Management Course for one and half months by Universal Institute, 2007, Jalalabad Afghanistan.
  - 2014, Primavera version 3.1 training in SMART Afghan, Kabul, Afghanistan.
  - 2014, Training for data collection of road defects with ODK software in Ministry of Public work (MOPW).
  - 2014, Arc GIS 10.2.1 Training by Smart Afghan International Trainings & Consultancy, June 5, 2014 Kabul.
  - 2015, Training for project management Afghanistan workforce development program (AWDP).
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**Computer Skill:**

<b>Geometric Deign/Drawing Software</b>	Auto CAD Civil 3D, Eagle Point
<b>Parking Lot/Intersection Design</b>	AUTO TURN
<b>International Roughness Index (IRI) Survey</b>	Roadroid road smartphone (ride quality)
<b>Road Condition Survey</b>	ODK Software
<b>Global Position System (GIS)</b>	GIS Mapping and Surface preparation
<b>Survey Equipment</b>	Total Stations, Level Machine & GPS
<b>Scheduling Software</b>	Primavera P7
<b>Coordinates Locating</b>	Google Earth Track
<b>Microsoft Office</b>	Complete Package

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**Conducted Trainings:**

- I have conducted one-week total station survey training for provincial survey engineers in MRRD, 2017.
  - I have conducted one-week road geometric design training for provincial engineers in MRRD, 2020.
  - On be off of Engineering Faculty of Kabul University, I have conducted two-week advance survey training to Samangan and Balkh provincial engineers, 2018.
  - Training/ Workshop for Mustaqbal Institute of Higher lecturers.
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**Work Experience:**

**2021 July 15 to 2021 Aug 15**

**Director of Design Board**

**Ministry of Public Work (MoPW)**

Preparation of technical mechanisms for qualitative road design packages.

Preparation of Board directorate documents for technical and managerial process within system.

Review and Approval of technical documents and design, including drawings, technical specifications and bills of quantities for road project.

Managing of board members and reporting to top management for better solution of technical issues.

Report on the review of the technical design and documentation for all road project.

Handling of technical meeting with technical staff/Directorates for correction of design documents.

Participation in technical meeting with related governmental organizations, donors and sub-contractors.

**2020 Nov 21 to 2021 July 15**

**Senior Advisor to the Minister**

**Ministry of Public Work (MoPW)**

Consultation of Construction Companies and engineers for construction problems solution and technical advices to top management.

Review and evaluation of technical documents and design, including drawings, technical specifications and bills of quantities for civil construction.

Report on the review of the technical design and documentation for design road project.

Handling of technical meeting with technical staff for correction of design documents.

Participation in technical meeting with related governmental Organizations and donors.

Handling of technical meeting with MoPW clients and sub-contractors.

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**2018 Dec 21 to 2020 Nov 21**

**Design Operation Manager**

**Asia Geo Engineering & Ally Engineering Solution JV (AGE&AES JV)**

Meeting, Contracting and Communications with client

Managing, Planning and controlling of project technical teams

Provided support to company's board of directors in designing, planning and implementation of project.

Developed strategic plans to advance the company's mission & objectives for increasing revenue, profitability, and organization growth.

Given technical instructions to staff in relation to quality, assurance of project activities.

Preparation of quarterly and yearly report to Board of director.

**30, Nov, 2017 to 2018 Nov 21**

**Gurbat Abdullah Construction Company (GACC)**

**Road Design Engineer**

Design and drawing of Roadway lighting, traffic control devices (traffic sign plan and pavement marking plan).

Evaluate construction project materials for compliance with environmental standards and construction specification.

Investigate traffic problems and recommend methods to improve traffic flow or safety.

Prepare administrative, technical, or statistical reports on traffic-operation matters, such as accidents, safety measures, or pedestrian volume or practices.

Review development plans to determine potential traffic impact.

Evaluate transportation systems, traffic control devices, or lighting systems to determine need for modification or expansion

Participate in contract bidding, negotiation, or administration.

Direct the surveying, staking, or laying-out of construction projects.

Evaluate traffic control devices or lighting systems to determine need for modification or expansion

Present data, maps, or other information at construction-related public hearings or meetings.

Designs and prepares preliminary and final plans for highways and drainage structures.

Preparation of preliminary and final design for urban utilities along the road for construction purpose.

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**01, Nov, 2017 to 2020 Non 21**

**Mostaqbal Institute of Higher Education**

**Director of Engineering Faculty and Lecturer**

Planning, Controlling and Monitoring of lecturer's syllabus.

Technical evaluation of the lecturer for assigning.

Guide to the lecturers for proper and qualitative teaching.

Overall faculty management and reporting.

Reporting to the top management.

Lecturer for road pavement engineering subject.

Lecturer for road geometric design subject.

**13, August, 2016 to 30, Nov, 2017**

**Transportation Design Engineer**

**Afghanistan Transportation Engineering Center (ATEC)**

Geometric design of road project as per client specified TOR.

Checking and preparation of survey data for geometric design.

Technical meeting with client and addressing the comments in design.

Preparation of safety plans including traffic signage and marking plans for mentioned road projects.

Evaluation of existing traffic control devices for mentioned road projects.

Landscaping design of Rahman mina, Padole and Khoshal Khan Roads.

Generation of plan and profile along with X-Sections of the road.

Preparation of road drainage plan as per site requirement.

Generation of cut and fill volumes of the contracted roads.

Preparation of existing utilities and relocation plans for construction purpose.

**Feb,4,2014 to 10-Aug-2016**

**Senior Road Design Engineer/ Design Manager**

**Asia Geo Engineering & Ally Engineering Solution JV (AGE&AES JV)**

Geometric design of road project as per client (IRD, USACE, USAID, UN agencies etc...) requirements.

Assessment of project site and preparation of technical reports.

Assessment of technical survey and correction the survey package.

Review and geometric design of road project as per national and international standards.

Preparation road safety plans (traffic signage, pavement marking and road furniture) for all transportation projects.

Technical meeting with client and addressing the comments in design.

Consulting junior design engineer in geometric and pavement design.

Preparation of traffic safety plans (Signage and marking) for all projects.

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**01-May-2009 to 31-March-2012**

**Road Design Engineer**

**Gurbat Abdullah Construction Company**

Preparing design drawings using AutoCAD Civil 3D/ Eagle point or similar type software.

Responsible for completion of discipline engineering project elements such as reports designs specifications and plans

Traffic data analysis and preparation of technical reports for design.

Handling of technical meeting for road projects with client.

Executing of design team agreeing with project timeline and specified scope of works.

Technical meeting with client and addressing the comments in design. Reporting to company president.

Preparation of traffic safety plans (Signage and marking) for all road projects.

Assessment and design of road project as per national (MOPW) and international (AASHTO) standards.

**05, Feb, 2008 to 25, Nov, 2009**

**Sayed Sherazi Construction Company**

**Quality Control Engineer**

Develop and determine all standards to perform inspection and tests on all procedures and oversee all testing methods and maintain high standards of quality for all processes in the project.

Review quality of all materials at site, ensure compliance to all project specifications and quality, and collaborate with department for all

Material procurement and maintain quality of materials.

Manage lifting of all equipment's, handle efficient storage of all hazardous materials, and perform quality audits as per required schedule.

Monitor an efficient system and record all project activities to analyze all work processes according to quality requirements.

Manage all work methods, maintain knowledge on all quality assurance standards, monitor continuous application for all quality assurance processes, and recommend corrective actions for the project.

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**2007 to 2008**

**Ministry of Education**

**Provincial Engineer, Wardak Province**

Monitoring of all school projects (school building and boundary wall) in Wardak province.

Quality Control of project works as per MOE policy.

Preparation of construction materials and work quality policy for project.

Preparation of construction schedule for project completion.

Civil design for all schools as per clients' suggestions.

Preparation of monthly and quarter reports for Ministry of Education

Handling of technical meeting with different client.

Assessment of works done by PRT, UNECIEF etc.

**2006 to 2007**

**International Rescue Committee (IRC)**

**Field/ Monitoring Engineer**

Monitoring of the NSP projects.

Preparation of BoQ for mentioned projects.

Preparation of cost estimation for mentioned projects.

Implementation of MRRD /NSP projects as per MRR manual.

Preparation of design drawings for NSP projects.

Preparation of technical and price proposal for NSP projects.

Quality Control and monitoring of NSP projects.

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**Key Projects Handled**

<b>Project Name</b>	<b>Organization</b>	<b>Activities</b>
Herat By Pass 50 KM	UNOPS	Geometric Design, Traffic Sign and Pavement Marking Plans, Volumes Calculations, Road Features Design Site Assessment and NPV analysis.
Surkhlez Chenart 27 KM	UNOPS	Site Assessment, Horizontal and Vertical alignment, surface preparation and Volume analysis.
4 Parking Lots Aqena, Kandahar, Farah and Nemrooz	UNOPS	Geometric Design, Safety Plans for Pedestrian and Vehicles Movement, Parking Surface and Volume analysis.

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## Curriculum Vitae (CV)

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Kart-e Now (Arteial type) 1.5 KM	JAICA	Geometric Design, Safety Features and Volume Analysis.
Qala-e Fatullah Streets 8.4 KM	JAICA	Geometric Design, Safety Features and Volume Analysis.
Baraki to Saray-e Shamali	ATEC/EPERSO	Geometric Design, Safety Features and Volume Analysis.
Rahman Mina 9.5 Km	ATEC /EPERSO	Geometric Design, Safety Features and Volume Analysis.
Padole 5.4 KM	ATEC /EPERSO	Geometric Design, Safety Features and Volume Analysis.
Road # 22 (60 KM)	USAID/IRD	Geometric Design, Safety Features and Volume Analysis.
Road # 15 (30 KM)	USAID/IRD	Geometric Design, Safety Features and Volume Analysis.

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Kart-e 3 Streets 13 KM	USAID	Geometric Design, Safety Features and Volume Analysis.
Maidan Wardak province under construction schools, boundary walls and school Maintenances.	USAID	Monitoring and quality control for all school, boundary walls projects.

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### References:

**Mohammad Rahim Salehzai**

Monitoring and Evaluation Director

Ministry of Public Work

0093 700001709, 0093780001709

[mrsalehzai@gmail.com](mailto:mrsalehzai@gmail.com)

**Shawali Sedeqi**

Wathab Engineer

International Committee of the Red Cross (ICRC)

0093 799 88 48 23 12, 0093787755175

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