

Umar T. Ahmad, P.E.

Chairman CEO

Project Manager / Project Coordinator

University of Nevada-Reno, Ph. D. Candidate

University of Nevada-Reno, MSCE, 1992

University of Punjab-Lahore, Pakistan, MS, Applied Geology, 1986

University of Punjab-Lahore, Pakistan, BS, Applied Geology, 1985

Certifications

IDOT Documentation of Contract Quantities – 2023

IDOT Fundamentals of Storm Water Pollution and Erosion and Sediment Control-2014

IDOT Hot Mix Asphalt – Level I, Level II, Level III – 2008

IDOT PCC - Level I, Level II, Level III - 2008

IDOT S 33 Geotechnical Field Testing and Inspection Certification

IDOT – Mixture Aggregate - 2008

IDOT Bituminous Concrete Density Tester (QA/QC Density Tester)– 2008

IMIR's & ICORS Training

ACI Concrete Inspection & Testing Level I – 2022

ACI Concrete Strength Testing Technician – 2023

ACI Concrete Laboratory/Aggregate Testing Technician – 2023

Nuclear Density Gauge Safety – 2020

Certified Radiation Officer – 2008

Visual Weld Inspection Training – ASNT Level II

Ultrasonic Weld Inspection Training – ASNT Level II

Magnetic Particle Inspection Training – ASNT Level II

Penetrant Testing Training – ASNT Level II

Precast/Pre-stressed PCI Level I, Level II, & Level III – 2021

Certified Floor Profiler Using F.A.C.E. Equipment – Floor Flatness/Levelness

Missouri QC/QA Training: Bituminous Technician, Concrete Field, Concrete Strength, Superpave QA/QC

Professional Licenses

Licensed Professional Engineer:

Illinois # 062-055148

Wisconsin # 34833-6

Indiana # 10200276

Michigan # 6201048936

Missouri # 2011007467

Nevada #14560

Professional Societies

Illinois Society of Professional Engineers (ISPE),

Chicago Chapter – Past Vice President/Secretary

American Society of Civil Engineers (ASCE),

Geotechnical Group, Chicago Chapter – Past Chair

National Society of Professional Engineers (NSPE),

Member

American Council of Engineering Companies of

Illinois (ACEC) Member

Experience

2010 to Present (NASHnal Soil Testing, LLC – Chairman, CEO)

Exceptional, visionary leader with over twenty four years of technical, business, and leadership experience in public and private sectors with the ability to formulate, execute, and adjust the business strategy as needed. Served as a QA/QC manager on various Tollway and IDOT projects. Responsibilities included but not limited to staff management (QA staff, staff from RAS testing and mixture control units), Evaluation and reporting of pay items for end result projects. Additionally Evaluated mix designs submittals and provided needed recommendations. Provided sampling and testing for Aggregate, HMA and PCC per DOT and Federal guidelines.

2006 to 2010 (GSG Material Testing, Inc. - Vice President / Junior Partner)

Sole responsible of daily operations of the business. Supervised all office staff including licensed professional engineers, junior engineers, secretaries, laboratory staff and field technicians. Interview potential employees for recruiting and team building. Client interface and technical consultation. Started a New Material Testing laboratory, purchased all equipment, calibrated and installed, trained technician and received AMRL, CCRL along with IDOT HMA, Concrete and Soils certifications. Responsible for reviewing all QA/QC reports.

2003 to 2006 (H. H. Holmes Testing Laboratories, Inc. - Marketing & Field Engineering Director)

Marketing Director - Responsible for strategic business initiative and execution of the business plan to achieve growth, profitability and business integration within Chicagoland and neighboring states. Some of the current responsibilities are: Increasing market visibility; Obtaining new business and maintaining client relations; Negotiation and administration of contracts; **Field Engineering Director** - Supervise and manage material testing laboratory and multiple construction projects. Responsible for reviewing technical reporting (i.e. daily field investigation work), client consultation related to field problems, trouble shooting, quality assurance and quality control (QA/QC) during construction of public works and private projects. Review and prepare geotechnical exploration reports.

Personally responsible for budget preparation of all the material testing projects and monitoring the budget as the project progresses. Oversee all the field engineers' work, especially during field testing and. Pre-Stressed/Pre-Cast plant inspection

2001 to 2003 (GME Consultants of Illinois, Inc. - Principal Engineer)

Consulting Engineer - Responsible for reviewing and updating the results of Sub surface exploration, Geotechnical data investigation and engineering studies for various design sections, report preparation and recommendations for design and construction. Pavement design, in accordance with IDOT, WisDOT and INDOT standards.

Supervise & Manage - Material testing laboratory and multiple construction projects. Responsible for reviewing daily field investigation reports, problem solving, quality assurance and quality control (QA/QC) during construction of public and private projects. Perform review of field engineer's work. Supervise group of field technicians, senior technicians and mentoring the young engineers.



NASHnal Soil Testing, LLC

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Plainfield, IL 60585

630-780-5201

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Experience Continued

1992 to 2001 (Pezonella Associates, Inc. - Senior Geotechnical Engineer)

Started as junior engineer after college, promoted to project engineer, project manager and attained the highest rank as senior engineer at Pezonella Associates, Inc. Evaluation of bituminous and concrete material test results and cores to recommend mitigation as outlined by public works officials and other agencies for QA/QC. Enforcing adherence and verification of conformance to specification for general and public work's construction, which include site visit for contractors work evaluation and recommendations in case of discrepancy and problems in the field.

Specific Project Experience

M5-Tollway Facility (QA)-2021 to Current- Senior Project Manager. Supervised Material testing technicians and laboratory staff, and reviewed all field and lab data for concrete, prior to submitting to Tollway. Evaluated mix designs submittals and provided needed recommendations. Provided sampling and testing for Aggregate, HMA and PCC per DOT and Federal guidelines.

Tri-State Tollway (I-294) Bridge Reconstruction, Mile Long Bridge Mile Post 21.5 (QA)-2019 to Current- Senior Project Manager. Supervised Material testing technicians and laboratory staff, and reviewed all field and lab data for concrete, prior to submitting to Tollway. Managed QA staff, staff from RAS testing and mixture control units.

M16-Tollway Facility (QA)-2020 to Current- Senior Project Manager. Supervised Material testing technicians and laboratory staff, and reviewed all field and lab data for concrete, prior to submitting to Tollway.

IDOT PTB 194-2-Palatine Rd. at Des Plaines River-Frontage Rd. Bridge Construction- ILU4 (941)-C-91-096-08 (60D77)-2020- Senior Project Manager. Supervised material testing technicians.

Village of Geneva 2018-2020 Geotechnical & Various Street Improvements -Senior Project Manager. Supervised material Testing technicians and laboratory staff, and reviewed all field and lab data prior to submitting to Tollway.

I-355 Widening - Project Manager. Supervised material testing technicians and laboratory staff, and reviewed all field and lab data prior to submitting to Tollway.

I-294 & I-90 Intersection, Patch repair work - Project Manager. Supervised material testing technicians and laboratory staff, and reviewed all field and lab data for bituminous asphalt prior to submitting to IDOT.

I-290 & I-94 Intersection, Patch repair work - Project Manager. Supervised material testing technicians and laboratory staff, and reviewed all field and lab data for soils and asphalt, prior to submitting to IDOT.

I-88 Toll Plaza - Project Manager. Supervised Material testing technicians and laboratory staff, and reviewed all field and lab data for concrete, prior to submitting to IDOT.

I-57 Manhattan-Monee Road Bridge Constructions - Project Manager. Supervised material testing technicians and laboratory staff, and reviewed all field and lab data for concrete, prior to submitting to IDOT.

Sheridan Road Reconstruction (Winnetka) - Project Manager. Supervised material testing technicians and laboratory staff, and reviewed all field and lab data for soils and concrete, prior to submitting to IDOT.

Milwaukee Avenue & Harts Road Intersection (Niles), Reconstruction - Project Manager. Supervised Material testing technicians and laboratory staff, and reviewed all field and lab data prior to submitting to IDOT.

Emerson Avenue & Maple Avenue Intersection (Evanston) Reconstruction - Project Manager. Supervised Material testing technicians and laboratory staff, and reviewed all field and lab data prior to submitting to IDOT.

Cook Street & Ash Avenue (Wauconda), Reconstruction - Project Manager. Supervised material testing technicians and laboratory staff, and reviewed all field and lab data prior to submitting to IDOT.

O'Hare Runway 10C/28C East End Taxiway - Project Manager. Supervised material testing technicians and laboratory staff, and reviewed all field and lab data prior to submitting to Contractor & OMP.

Warehouse, Northlake, IL-Duke Construction- Project Manager. Performed inspection at Pre-cast Plant. Supervised material testing technicians and laboratory staff, and reviewed all field and lab data.

UPRR High Speed Rail Road-Tier II, Tier III, Tier IV and Tier VI (Various locations between Joliet & Springfield)- Supervised material testing technicians and laboratory staff, and reviewed all field and lab data for the successful completion of the project (3 years of work).



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