



CURRICULUM VITAE OF E. MAX VALERIO, PE

Evidence Solutions, Inc. • ClientServices@evidencesolutions.com

Introduction

With over 36 years of experience in Transportation Engineering with expertise in Roadway & Highway Design, Max Valerio provides knowledge and experience in developing and reviewing designs and technical specifications for highway construction plans. Max specializes in Roadway & Highway Design, Pre-construction development, writing Technical Specifications, Cost Estimation, Traffic Control Plan development and review, Traffic Engineering Studies, Contract Development, Contract Negotiations for Professional Services, Construction Contract Administration, Program and Project Management, Public Involvement and the administration of Federal Highway Aid regulation and policy.

As a licensed Professional Engineer in Civil Engineering, Max served as the Chief Engineer for the New Mexico Department of Transportation. As Chief Engineer he was responsible for the entire Design program and staffing for the agency including developing Design Policy & Guidance along with delivery of an annual multi-million dollar Design and Construction program. As Chief Engineer, Max served as the agency's representative on Contractor Claims & Disputes, Right of Way Condemnation cases and Tort Claim litigation serving as an expert witness. Work included aiding in the development of interrogatories, depositions and trial work.

SKILLS

- Team Leadership
- Management
- Analytical Problem Solving
- Negotiations
- Public Speaking
- Expert Testimony
- Communications & Writing
- Fluent in English and Spanish
- Contract Administration
- Certified National Highway Institute (NHI) Instructor

PROFESSIONAL EXPERIENCE

Evidence Solutions, Inc. **2026 - Present**
Roadway & Transportation Expert Witness

- Provide expert testimony in legal proceedings related to roadway and transportation disputes.

Federal Highway Administration (FHWA), NM Division **2014 - 2025**
Roadway and Transportation Engineering

Construction

- Construction inspection and reporting on highway and bridge projects constructed by New Mexico Department of Transportation (NMDOT)
- Design and Constructability reviews of NMDOT's construction plans to ensure compliance with federal laws, regulations, design standards and FHWA and State policies
- Monitored materials placement and testing to include earthwork, basecourse, hot mix asphalt paving, portland cement concrete paving, structural concrete placement, drainage and structural fabrication and installation and temporary and permanent traffic control devices

Introduction

Skills

Professional Experience

Awards & Honors

Publications

Professional Associations & Affiliations

Education



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PROFESSIONAL EXPERIENCE cont.

- Monitored NMDOT's and construction Contractor's Quality Control/Quality Assurance programs

Contract Administration

- Provided technical support and guidance to the NMDOT and Tribal & Local Public Agencies (TLPA's) on the Federal Aid Highway Program.
- Developed and conducted training on behalf of the Division Office in various technical areas such as: Application of 23CFR, (Code of Federal Regulation- Highways)

Publication Development and Training

- Worked with NMDOT to draft and develop their first policy and contract special provision on the use of Dispute Resolution Boards
- Worked with NMDOT to draft and develop their first policy on contract time and extensions
- Participated in the drafting and development of FHWA's and NMDOT's Stewardship and Oversight Agreement as a subject matter expert.
- Served on various committees with NMDOT in the re-write of their construction specifications as subject matter expert to ensure compliance with 23CFR.
- Served as a National Highway Institute (NHI) Instructor for the Contract Administration Core Curriculum Course
- Liaison to NMDOT and NM's Associated General Contractors (ACNM) in supporting and carrying out a successful and nationally recognized Technician Training Certification Program.

Emergency Coordination & National Incidents Response

- Served as backup Emergency Coordinator in support of the Emergency Relief (ER) Program
- Served and trained as a member of the National Response Program Regional Emergency Transportation Cadre (RET-C) program as a member supporting National Incidents and Disasters

Federal Highway Administration (FHWA), NM Division

1988-2013

Roadway and Transportation Engineering

Management

- As Deputy Cabinet Secretary, responsible managing and supervising over 2400 employees, all Divisions of the Department and a budget exceeding \$800 million annually (1.5 years)
- As Chief Engineer, responsible for over 250 employees and the design and construction delivery of all highway and bridge construction (6 years)
- As Deputy Cabinet Secretary and Chief Engineer, responsible for execution of design and construction contracts for the Department
- As Project Development Engineer, led a multi-disciplinary team comprised of planners, engineers, surveyors, environmentalists and right-of-way agents in the development of design plans for construction (5 years)

Professional Testimony and Representation

- As Deputy Secretary and Chief Engineer, provided professional testimony and presentations to the Governor and his Cabinet, the New Mexico State Legislature and its various working committees

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- As Chief Engineer, served as representative for the Department on various litigation matters providing expert testimony as well as responding to depositions and discovery (matters included tort liability, contractor claims and disputes and right of way condemnation)

Design

- As Chief Engineer, responsible for all designs and signed & stamped all Department plans to be let to bid for construction
- As Chief Engineer, developed and issued all design related policies and directives
- As Project Development Engineer, responsible for the actual design of construction plans

Technical Writing and Communication

- As Chief Engineer, prepared design and technical memos, directives and specifications
- As Chief Engineer while serving on the American Association of State Highway & Transportation Officials (AASHTO) Geometric Design Technical Committee, contributed to the development and re-authoring of the Policy on Geometric Design (Green Book) and other publications
- As Project Development Engineer, prepared presentations and conducted Public Hearings and Informational Meetings for various projects as designer in responsible charge
- As Project Development Engineer, prepared technical reports and specifications for projects I designed
- As Traffic Services Engineer, conducted traffic engineering studies and prepared technical reports and recommendations for the appropriate application of traffic control devices (4 years)

Negotiation

- As Deputy Secretary and Chief Engineer, served as chief negotiator on Contractor Claims and Litigation
- As Deputy Secretary and Chief Engineer, served as chief negotiator on matters related to union contracts
- As Chief Engineer and as Design Bureau Chief, served as chief negotiator for Professional Services Contracts

Awards & Honors

- Registered Professional Engineer in the State of New Mexico - 1993, License # 11972
- Inducted to NMSU's Academy of Civil, Agricultural & Geotechnical Engineers
- Member of the American Association of State Highway and Transportation Officials (AASHTO), Technical Committee on Geometric Design (2004 to 2013)

Publications

- Participant and Author of the update to the American Association of State Highway and Transportation Officials (AASHTO) - A Policy on Design Standards Interstate System, 2005 as a member of the Technical Committee on Geometric Design
- Participant and Author of the update to the American Association of State Highway and Transportation Officials (AASHTO) - A Policy on Geometric Design of Highways and Streets, 2011 as a member of the Technical Committee on Geometric Design. The publication is commonly referred by industry as the "Green Book"



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Professional Associations & Affiliations

- Member of Institute for Transportation Engineers (ITE)
- Member of the American Society of Civil Engineers (ASCE)
- Trained and Certified in Dispute Resolution with California Department of Transportation (CALTRANS)

EDUCATION

Bachelor of Science in Civil Engineering with a Minor in Economics

New Mexico State University (NMSU)

Professional Engineer (P.E.) - Las Cruces New Mexico - 1988

Registered Professional Engineer in the State of New Mexico

1993, License number 11972

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