



Reza Marshal

PE, PTOE

Senior Traffic Engineer

Department

Accident Reconstruction & Forensic Animation

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Locations

Los Angeles, CA

Biography

Mr. Marshal joined YA in 2022 and has worked in the civil/traffic engineering field since 1982. He has worked on tort liability cases related to civil/traffic engineering, construction, and safety.

With over 40 years of experience in traffic and transportation engineering, his experience includes all aspects of traffic engineering and highway design, including signal warrant investigation, signing and striping, traffic impact analysis and studies, traffic signal design, speed survey, construction zone safety, traffic data collection, highway maintenance and deficiencies, sight distance visibility, pavement edge drop-off, guardrail, tort liability, and expert witness testimony. He is also a Technical Member of the National Committee on Uniform Traffic Control Devices (NCUTCD), serving on the Temporary Traffic Control Devices Committee.

He is a registered Professional Engineer in Washington, Hawaii, Nevada, Arizona, New Jersey, New York, Pennsylvania, Maryland, and Florida and is certified as a Professional Traffic Operations Engineer (PTOE) nationwide. Mr. Marshal has served as a National Cooperative Highway Research Program panel member. He is also a member of the Transportation Research Board (TRB) and the California Association of Accident Reconstruction Specialists (CAARS).

Mr. Marshal holds a Bachelor of Science degree in Civil Engineering from Roger Williams University in Rhode Island and a Master of Engineering degree in Transportation Engineering from Manhattan College in New York.

Credentials

- PE | Professional Engineer
- PTOE | Certified Professional Traffic Operations Engineer, Nationwide

Representative Consulting Assignments

- Tort Liability | CA | Collision
- Roadway Design | NJ | Roadway Design
- Traffic Engineering | NJ | Site Development
- Construction Management | MA | Construction Management

Professional Experience

- 2022 - Current | Senior Traffic Engineer | YA Engineering Services
- 2014 - 2022 | Senior Traffic Engineer/Transportation Engineering Specialist | Momentum Engineering Corp.
- 2010 - 2013 | Senior Business Consultant | Self-employed
- 2007 - 2009 | Vice President | New England Construction Management
- 2007 - 2007 | County Traffic Engineer | Ocean County Engineering
- 2001 - 2007 | Department Manager | Maser Consulting, P.A.
- 2001 - 2001 | Department Manager | URS Corporation

- 1997 - 2000 | Project Manager | Leroy Callender, P.C.
- 1984 - 1997 | Principal Engineer | BAC Killam
- 1981 - 1984 | Project Engineer | Planning Research Corporation

Area of Practice

- Litigation Support
- Highway Design
- Highway Maintenance & Deficiencies
- Pavement Edge Drop-Off
- Sight Distance Visibility
- Speed Survey Study
- Tort Liability
- Traffic Data Collection
- Traffic Impact Analysis and Studies
- Traffic Engineering
- Traffic Signal Design
- Traffic Signal Warrant Investigation
- Construction Zone Safety
- Signing and Striping

Publications and Presentations

- Performance-based Analysis of Geometric Design of Highways and Streets
National Cooperative Highway Research program (NCHRP), Transportation Research Board (TRB)

Education

- Manhattan College - Master of Engineering - Civil Engineering - New York City - New York
- Roger Williams College - Bachelor of Science - Civil Engineering - Bristol - Rhode Island

Affiliations

- National Committee on Uniform Traffic Control Devices (NCUTCD)-Voting Member
- National Association of Professional Accident Reconstruction Specialists (NAPARS)
- California Association of Accident Reconstruction Specialists (CAARS)
- Transportation Research Board (TRB)
- National Cooperative Highway Research program (NCHRP)

Licenses

- 58467 - Arizona - Civil Engineer
- 49191 - Florida - Civil Engineer
- PE-20111 - Hawaii - Civil Engineer
- 27945 - Maryland - Civil Engineer
- 023091 - Nevada - Civil Engineer
- 24GE03575300 - New Jersey - Civil Engineer
- 070333 - New York - Civil Engineer
- PE061802 - Pennsylvania - Civil Engineer
- 23037912 - Washington - Civil Engineer
- PTOE - Professional Traffic Operations Engineer