



# Reza Marshal

PE, PTOE

### **Senior Traffic Engineer**

#### **Department**

Accident Reconstruction & Forensic Animation

Tel: (310) 618-8017

Email: Reza.Marshal@yaeservices.com

**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