

Curriculum Vitae

Daren E. Marceau, P.E.

President, Forensic Traffic Specialists, PLLC



Professional Summary

After several years as a police officer followed by many years in the engineering design and forensic engineering business Daren Marceau serves as an investigator, reconstructionist, and expert witness with a focus on traffic crash reconstruction involving traffic control devices, roadway design, construction, and maintenance, and crashes involving pedestrians, bicycles, and motorcycles. Mr. Marceau is a nationally recognized author and lecturer on traffic signals, signs, pavement markings, sight distance, intersections, highway safety, railroad crossing safety and traffic control devices, pedestrian crossings, and their role in traffic crashes. His experience includes investigating and reconstructing crashes at intersections, on public and private roadways and parking lots, and in work zones involving passenger and commercial vehicles, bicycles, pedestrians, SUV's, and motorcycles. Mr. Marceau also frequently investigates cases involving clear zones and roadside hazards including run-off-the-road and median cross-over crashes and preventative devices such as guardrails and cable systems. In addition to being a court-qualified expert in traffic control devices, roadway defects, civil and traffic engineering, and several other sub-areas of civil engineering and human factors with respect to the roadway environment, Mr. Marceau also possesses significant professional and personal experience in bicycling and motorcycling, and is often called as an expert in motorcycle and bicycle crashes. He is a court-qualified expert in motorcycle and bicycle operations.

Professional Development

Pedestrian and Bicycle Accident Reconstruction, Commercial Vehicle Inspection, Accident Investigation, and Reconstruction, Motorcycle Crash Investigation and Reconstruction, Crash Data Retrieval Tool Operator, Institute of Police Technology and Management; Basic, Intermediate, and Advanced Highway Work Zone Safety, Traffic Signal Operation in Signal Systems, Institute for Transportation Research and Education
Traffic Signal Design at Local Intersections, Georgia Institute of Technology
Traffic Signal Design, North Carolina Department of Transportation
Basic Law Enforcement Training, Raleigh Police Department, North Carolina
Certified Motor Officer

Instructor

Traffic Control Devices and Their Role in Traffic Crashes
Numerous technical sessions on traffic signal design and special topics in traffic signal operations
Low speed/soft tissue injury collisions: understanding the collision, vehicle, and occupant dynamics
Bicycle and pedestrian collisions
Accident Reconstruction at Traffic Signal Intersections, basic and advanced classes
Traffic Crashes Waiting To Happen: Traffic Control Devices That Violate Driver Expectancy

Affiliations

International Law Enforcement Educators and Trainers Association; Institute of Transportation Engineers
Expert Witness Council, Institute of Transportation Engineers
National Association of Professional Accident Reconstructionists
National Association of Traffic Accident Reconstructionists and Investigators
International Municipal Signal Association

Authored Publications

Accident Reconstruction at Traffic Signal Intersections, © 2006 Kinetic Energy Press

Professional Experience

President, Forensic Traffic Specialists, PLLC, 2007-present

Forensic Engineer and Traffic Engineer, Kimley-Horn and Associates, Inc., Raleigh, NC, 1995–2007

Graduate Research Assistant, North Carolina State University, 1994-1995

Survey Instrument Technician, J.Y. Phelps Surveying, 1992-1994

Police Officer, Raleigh, NC Police Department, 1986-1988

Professional Credentials

Master of Science in Civil Engineering, North Carolina State University, 1995

Bachelor of Science in Civil Engineering, North Carolina State University, 1994

Registered Professional Engineer: North Carolina #24910, Virginia #40957, South Carolina #24139, Florida #63229, and Georgia #PE030533

Certified Property and Liability Claims Instructor, North Carolina, Georgia, and Florida Departments of Insurance

Work Zone Technician, Certified Traffic Signal Technician (II), Traffic Signal Inspector, and Signs and Markings Technician (III), IMSA