

**Credentials**

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**Professional Engineer**

Texas License #84283

California License #C53337

**Professional Traffic Engineer**

California License #TR2022

**Professional Traffic Operations Engineer**

License #451

**Education**

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**Master of Science in Civil Engineering**

University of Texas at Arlington, 2002

**Bachelor of Science in Civil Engineering**

Texas A&M University, 1987

**Professional Associations**

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American Society of Civil Engineers - ASCE

Institute of Transportation Engineers - ITS

International Municipal Signal Association

Transportation Research Board



Professional Experience

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**Institute for Products, Engineering & Construction**

**2001 to Present**

Consulting and forensic engineering services for attorneys and insurance companies. Projects involve the disciplines of civil, transportation and traffic engineering. Typical projects address issues of roadway design, traffic flow, signs and signaling and work zone traffic control.

**Parsons Brinkerhoff**

Senior Engineer. Serve as project engineer at Dallas/Ft. Worth International Airport. Provide planning and design services, including development of a Traffic Master Plan, to facilitate traffic control, traveler information and incident management during the five year, \$2.5 billion capital development program.

**City of Mesquite, Texas**

Assistant Traffic Engineer. Responsible for traffic signal design, traffic operations, work zone traffic control and other traffic related assignments. Projects included developing a set of work zone traffic control guidelines for use by City maintenance crews, in-house design of eight traffic signal projects, and overseeing the completion of the City's traffic signal communications project. Developed numerous traffic related databases for inclusion in the city-wide GIS system.