

**FIELD & TEST ENGINEERING, Inc.**  
**ACCIDENT RECONSTRUCTION SPECIALISTS**

**340 GOLDEN SHORE, SUITE 400 • LONG BEACH, CA 90802**

11440 BERNARDO CT, SUITE 300  
SAN DIEGO, CA 92127

2900 ADAMS STREET  
RIVERSIDE, CALIFORNIA 92504

8275 SOUTH EASTERN AVENUE, SUITE 200  
LAS VEGAS, NEVADA 89123

7362 REMCON CIRCLE  
EL PASO, TEXAS 79912

**Ph (800) 675-7667**

**Fax (562) 432-2322**

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**Robert F. Douglas, P.E.**

**SINCE 1988, TESTIFYING ON AND SPECIALIZING IN:**

**Traffic Engineering; Design of Roadways (Highway, Street & Off Road Facilities); Design of Roadside Slopes, Barriers, Guardrail, and Objects near the Road; Roadway Construction; Off Road Safety; Accident Reconstruction Including Low Light and / Photo / Video / Computer Animations, PC-Crash; Wet Weather Accidents; Human Factors Including Perception Reaction, Lighting, Visibility, Saccadic Suppression, Focal Concentration, & Cycloptic Vision; High Definition Laser Surveys of Accident Locations & High Definition Laser Scans of Vehicle Crush**

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**Registration:**

**Professional Engineer**  
California & Arizona

**Professional Experience:**

**California Department of Transportation**

Branch Chief & Senior District Traffic Engineer  
Branch Chief & Senior Project Management Engineer  
Branch Chief & Senior District Hydraulics Engineer  
District Construction Engineering Manager & Lead  
District Resident Engineer

**Arizona Department of Transportation**

First State Forensic Engineer  
Statewide Intermodal Project Manager  
Statewide Construction Field Review Engineer  
Area Construction Supervisor & Local Programs  
FHWA Designate Engineer

**Texas Department of Transportation**

District Design Engineer  
Construction Field & Lab Engineer Supervisor

**Vollmer-Gray Engineering**

Traffic/Roadway Safety - Human Factors -  
Accident Reconstruction - Road and off-road  
Accident Investigation & Analyses.

**Teaching Experience:**

**University of Southern California -  
Institute of Transportation Studies- Berkeley**

"Application of the Manual On Uniform Traffic  
Control Devices, 2000 in California"

**California State University, Long Beach -**

Graduate & Under-Graduate Transportation  
Engineering Courses

**California State University, Long Beach -  
Engineering Extension, -**

Professional Engineers Exam Review Course

**Certification:**

FHWA Trained, Tested, and Certified in Work  
Zone Traffic Control Design and Implementation

**Member:**

**National Committee on Uniform Traffic  
Control Devices (NCUTCD) -**

Reviews/Edits Changes to the "Manual on  
Uniform Traffic Control Devices"

**Transportation Research Board (TRB) -**

Tort Liability & Risk Management Committee;  
& Traffic Control Devices Committee

**Institute of Transportation Engineers (ITE)**

Life Member

**National Association of Railroad Safety  
Consultants & Investigators (NARSCI)**

Member

**American Society for Testing & Materials (ASTM) -**

1. Vehicle - Pavement Systems, (Skid Testing)  
(ASTM Committee E-17)
2. 3D Laser Scan Imaging (Surveys/Imaging)  
(ASTM Committee E-57)
3. Pedestrian/Walkway Safety and Footwear  
(ASTM Committee F-13)

**Human Factors & Ergonomics Society**

**Technical Groups (Member):** Aging; Augmented  
Cognition; Cognitive Engineering & Decision  
Making; Forensics Professional; Perception &  
Performance; Safety; Surface Transportation

**Association for Psychological Science (APS)**

Life Member

**Society of Automotive Engineers (SAE)**

**American Society of Civil Engineers (ASCE)**

**American Traffic Safety Services (ATSSA)**

**Publications:**

**"Manual on Uniform Traffic Control Devices"  
(MUTCD) - Contributor (NCUTCD)**

**"Traffic Control Devices Handbook" (TCDH) -  
Contributor**

**"California Application of the MUTCD 2000"-  
Text for an ITS Berkeley Course**

**"Professional Engineers Review Manual"**

Revised portions for CSULB Extension Program