

FIELD & TEST ENGINEERING CORPORATION  
ACCIDENT RECONSTRUCTION SPECIALISTS  
Safety & Failure Analysis • Accident Reconstruction  
Accident Surveys & Vehicle Crush Surveys with High Definition Laser Scanners  
4510 Pacific Coast Highway, Suite 200 • Long Beach, CA 90804  
Offices in San Diego, Ca, Las Vegas, Nv, Riverside, Ca, El Paso, Texas  
**PH (800) 675-7667 – FAX (562) 494-7667**

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Robert F. Douglas, P.E.

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

**Traffic Design & Roadway Construction; Roadside Slopes, Barriers, Guardrail, Accident Reconstruction Including Low Light and / Photo / Video / Computer Animations, Wet Weather Accidents; Human Factors Including Perception Reaction, Lighting, Visibility; High Definition Laser Surveys**

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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 (Ext)**

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

**American Society for Testing and 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 (HFES)**

**Technical Group Member of:** 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 Sub-committee Chair)

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

Contributor

**"California Application of the MUTCD 2000"-**

Text for an ITS Berkeley Course on the  
"Manual on Uniform Traffic Control Devices"

**"Professional Engineers Review Manual"**

Revised portions for CSULB Extension Program