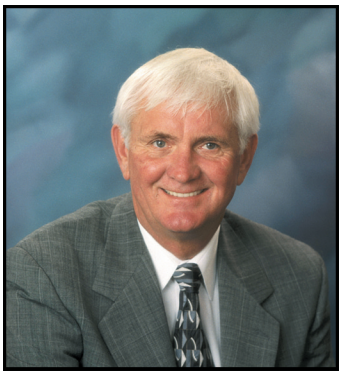
ALCORN & ASSOCIATES
FORENSIC ENGINEERS
Accident Investigation & Reconstruction—Nationwide

Thomas L. Alcorn, M.S., P.E., P.T.O.E.
Carla J. Werder, P.E.
Carrie A. Mongini, E.I.T.



THOMAS L. ALCORN, M.S., P.E., P.T.O.E.

******Curriculum Vitae******
– June 2004 –

Educational Background

Graduate of California State University at Chico, Chico, California, 1971, with a ***Bachelor of Science Degree in Civil Engineering.***

Graduate of University of Colorado at Denver, Denver, Colorado, 1988, ***Master of Science Degree in Civil Engineering***. All course work in transportation, traffic and safety.

Graduate level courses, in Traffic Engineering, Highway Design, Highway Safety, and Accident Investigation, Reconstruction and Analysis at various universities and institutes.

Professional Affiliations

Registered Professional Traffic Engineer, State of California, No. 1443, 1987.

Registered Professional Civil Engineer, State of California, No. 29988, 1979.

Registered Professional Engineer, State of Colorado, No. 14175, 1976.

Professional Traffic Operations Engineer, Transportation Professional Certification Board, Inc., 1999.

National Academy of Forensic Engineers, Fellow Member and Board Certified Diplomat in Forensic Engineering by NAFE. A program accredited by the Council of Engineering Specialty Boards and National Society of Professional Engineers (1998). Fellow Member No. 581.

Institute of Transportation Engineers; ***Associate Member, member of the Expert Witness Council.***

Certified Worksite Traffic Control Supervisor, American Traffic Safety Services Association.

Certified Flagger, Colorado Department of Transportation.

American Traffic Safety Services Association; ***member, course instructor.***

Society of Automotive Engineers; ***member.***

National Society of Professional Engineers; ***member.***

Tau Beta Pi, Honorary Engineering Fraternity; ***member.***

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Experience

- Over thirty-five years of progressive design and investigative experience in highway and transportation engineering. Over twenty years experience investigating and reconstructing various types of accidents.
- Forensic Engineer with responsibility for investigating and reconstructing vehicular accidents to determine factors contributing to accident causation and injury severity; develop conclusions, prepare expert reports and testify relative to findings.
- Forensic Engineer with responsibility for investigating and reconstructing premises liability accidents to determine factors that contribute to accident causation, develop conclusions, prepare expert reports and testify relative to findings.
- Forensic Engineer with responsibility for reviewing accident locations to determine the highway's conformance with accepted standards and guidelines for geometric, traffic and safety features; develop conclusions, prepare expert reports and testify relative to findings.
- Multidisciplinary accident investigation team leader with the National Transportation Safety Board, responsible for investigation and reconstruction of catastrophic highway accidents and special studies, determination of factors contributing to accident causation and development of safety recommendations.
- Highway Traffic and Safety Engineer with the Federal Highway Administration with responsibility for recommending changes in highway safety program standards, safety program policies, design standards and specifications as a result of regional and national highway safety reviews, accident investigations and reconstructions.
- Instructor of traffic and safety courses at college and institute level. Instructor of traffic engineering and highway safety courses to states, cities and counties throughout the United States and in the Kingdom of Saudi Arabia.
- Field experience with contractors, federal and state highway departments and the Kingdom of Saudi Arabia in the construction and maintenance of highways, bridges, and urban streets. Advisor to Ministry of Communications in the Kingdom of Saudi Arabia on traffic engineering and highway safety.
- Traffic Engineer with the Federal Highway Administration at national and regional level responsible for providing advise and assistance to Federal, state, city, county, and others on the Manual on Uniform Traffic Control Devices (MUTCD). Also presented training courses to state highway departments, cities and counties on the MUTCD, the Traffic Control Devices Handbook (TCDH), and roadside safety.
- Traffic Engineer with the Federal Highway Administration with responsibility for regional and national reviews of plans and field installations directly related to the installation of traffic control devices, the proper application of the Manual on Uniform Traffic Control Devices (MUTCD); and the formulation of regional and national policy as a result of reviews.
- Traffic Engineer with the Federal Highway Administration with responsibility for coordinating development, publication, printing and distribution of the 1980 edition of the Work Zone Traffic Control Standards and Guidelines Handbook (Part VI of the MUTCD) and the Flagging Handbook.

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