

Experience

Engineering Consultant – 1989 to Present

Engineering analysis and reconstruction of accidents involving passenger vehicles, trucks, motorcycles, bicycles and pedestrians. Issues addressed include speed, collision dynamics, forces, time and distance, visibility, signal analysis (red light/green light analysis), construction zones, and engineering analysis of roadway defects as they relate to the causation of accidents.

Pedestrian accidents include slip and fall/trip and fall investigations. Engineering analysis of the design and construction of pedestrian facilities as they relate to building codes, standards, intended use, surface slipperiness, and accident prevention.

Testimony given in the Superior Courts of Alameda, Butte, Colusa, Contra Costa, Del Norte, El Dorado, Fresno, Kern, Marin, Mendocino, Merced, Nevada, Placer, Sacramento, San Francisco, San Joaquin, San Mateo, Santa Clara, Shasta, Sonoma, Stanislaus, Siskiyou, Sutter, Tuolumne, Yolo, and Yuba Counties, along with the United State District Court (Eastern District of California), Santa Fe (New Mexico) and Marion County (Oregon).

Consulting work also includes work as a “technical expert” for the California Department of Consumer Affairs, Board of Engineers and Land Surveyors for competency of practices issues. Work done for the Board of Engineers in the past as a “subject matter expert” relative to preparation of the license examination for traffic engineers.

Instructor, California State University, Sacramento – 1993-1994

Part time instructor in the Civil Engineering Department at California State University Sacramento.

Borcalli and Associates/Borcalli Ensign and Buckley, Consulting Engineers – 1986-1989

Civil Engineer dealing with all phases of construction of dam and powerhouse facilities. Work included overseeing of daily inspection of construction, design change review, and preparation of construction related claims and defense of claims.

Education, Registration and Memberships

Education

B.S in Civil Engineering, California State University, Sacramento – 1986
M.S. in Civil Engineering, California State University, Sacramento – 1992
J.D., University of Pacific, McGeorge School of Law – 1998

Registration

California Professional Engineer – Civil #46024 (1990)
California Professional Engineer – Traffic #1766 (1993)

Memberships

Society of Automotive Engineers
Society of Forensic Engineers and Scientists

Certifications

Certified as a Diplomat of the International Board of Forensic Engineering Sciences