

Curriculum Vitae of
WILLIAM KUNZMAN, TRAFFIC ENGINEER

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William Kunzman, P.E. has worked professionally in traffic engineering and transportation planning since 1968 in both the public and private sectors. He is an Expert Witness in Traffic Engineering involving highway accidents.

TECHNICAL EXPERTISE

Traffic engineer expert regarding motor vehicle accidents (automobile, truck, bus, pedestrian, bicycle, motorcycle).

Knowledge of governmental agency procedures, design, geometrics, signs, traffic controls, parking, and maintenance.

EDUCATION / CLASS INSTRUCTION

Undergraduate Work: Bachelor of Science Degree in Engineering (1967), University of California at Los Angeles, School of Engineering (September, 1963 to June, 1967)

Post Graduate Work: One Year (10 classes) Certificate in Traffic Engineering (1968), Yale University, Bureau of Highway Traffic (September, 1967 to June, 1968)

Federal Highway Administration: 18 Month Highway Engineering Training Program, (1970)

Guest Lecturer: University of California at Irvine (1975)

Class Instructor: California State University at Fullerton (1976)

University of California at Irvine Department of Policy, Planning and Design Professional Report mentor (2003)

MCLE Class Instructor – The Traffic Engineer As An Expert Witness (2004)

REGISTRATION

Registered Professional Traffic Engineer in the State of California, TE0056 since 1975.

WORK EXPERIENCE

1. County of Los Angeles, Assistant Traffic Engineer (1967)
2. Wilbur Smith and Associates, Assistant Traffic Engineer (1968)
3. Federal Highway Administration, Office of Policy Planning (1969 - 1972) Worked in Oregon, Illinois, Pennsylvania, and Washington, D.C. Prepared Highway Needs Study which was presented to Congress
4. County of Riverside, Assistant Traffic Engineer (1972 - 1973)
5. Lampman Associates, Traffic Engineer Associate (1973 - 1974)
6. City of Irvine, Transportation Planning Engineer (1974 - 1975)
7. Weston Pringle and Associates, Traffic Engineer Associate (1975 - 1976)
8. Self Employment (1976 to Present)

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HONORS AND AWARDS

1. Received fellowship and living stipend to attend Yale University from the Insurance Institute for Highway Safety, 1967-1968
2. Elected Class President of Yale University Bureau of Highway Traffic, 1967
3. Recipient of the 1978 Institute of Transportation Engineers Past Presidents' Award
4. Recipient of the 1979 Institute of Transportation Engineers, Southern California Section, Young Traffic Engineer of the Year Award

PROFESSIONAL PUBLICATIONS

1. "Irradiation and Halation", Traffic Engineering Magazine, December, 1968.
2. "Accuracy of Computer Program BMD02R, Stepwise Regression", Highway Planning Technical Report Number 17, Federal Highway Administration, Washington, D.C., April, 1970.
3. "A Simplified Procedure to Determine Factors for Converting Volume Counts to ADT's", Traffic Engineering Magazine, October, 1976.
4. "Annual Vehicle Miles Traveled per Family as a Function of Primary Wage Earner's Work Trip Mileage", Institute of Transportation Engineers Technical Notes, March, 1978.
5. "Another Look at Signalized Intersection Capacity", ITE Journal, August, 1978. This article was submitted in competition for the 1978 Institute of Transportation Engineers Past President Award and won the award. This is the most prestigious award granted by the Institute of Transportation Engineers to persons 35 years old or younger.
6. "Urban Development and Circulation Systems - A Critical Balance", ITE Compendium of Technical Papers, August, 1980.

PROFESSIONAL MEMBERSHIPS

1. Institute of Transportation Engineers - ITE (joined in 1967)
2. American Society of Civil Engineers - ASCE (joined in 1971)
3. Yale University Bureau of Highway Traffic Alumni Association (joined in 1972)
4. Institute of Transportation Engineers Expert Witness Council
5. Transportation and Development Institute of the American Society of Civil Engineers
7. Forensic Expert Witness Association - FEWA

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