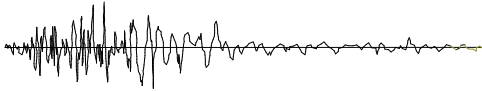


GROSSMAN & SPEER ASSOCIATES, INC.

529 HAHN AVENUE, SUITE 200, GLENDALE, CALIFORNIA 91203

STRUCTURAL ENGINEERS

(818) 507-1020 • FAX (818) 507-1556
E-mail: engineers@grossmanspeer.com



Loyd Speer, S.E.

License # SE 2396

EDUCATION

1974-1975 Stanford University, Palo Alto, California
M.S. Degree Structural Engineering
1971-1973 California State University, Los Angeles, California
B.S. Degree Civil Engineering

EMPLOYMENT

1979-Present Grossman & Speer Associates, Inc., Glendale, California
President
1976-1979 Brandow & Johnston Associates, Los Angeles, California
Project Engineer
1975-1976 Minasian Associates, Inc., Long Beach, California
Project Engineer
1973 Cal Trans, Bridge Department, Los Angeles, California
Field Engineer

EXPERTISE

Seismic analysis and design of concrete, masonry, steel and wood structures, seismic evaluation studies, seismic risk analysis, seismic rehabilitation, value engineering, cost studies, preliminary engineering reports, ductile frames, fast-track, multi-story, pile foundations, precast, shoring, tilt-up, underground facilities, airports, commercial, governmental, hospitals, housing, industrial, laboratories, manufacturing, military, parking structures, public agency, schools, universities.

ASSOCIATIONS

1996-Present International Conference of Building Officials
1982-2005 Rotary Club of Glendale
Past President, Board of Directors, Various Committees
1975-Present Structural Engineers Association of Southern California
Board of Directors, House Committee Chairman, Professional Practice
Committee, Seismology Committee, Sports Committee Chairman for Convention
1972-Present Tau Beta Pi (national engineering honor society)
President of Collegiate Chapter, Delegate to National Convention
1972-Present Chi Epsilon (national civil engineering honor society)
President of Collegiate Chapter

LICENSES

2004 Civil Engineer, Nevada
1999 Professional Engineer, Colorado
1987 Private Pilot (instrument rated)
1981 Structural Engineer, California
1977 Civil Engineer, California