

— A Member of the Renaissance Design Group —

Gregory P. Luth, Ph.D., S.E.

Principal

PERSONAL

Born on January 2, 1950 in St. Louis, Missouri, disabled Vietnam veteran.

TECHNICAL SPECIALTIES

Areas of expertise are conceptual design, lateral load analysis, and production of working drawings for building structures using all conventional building materials; renovation of historic structures; seismic design and retrofit of building structural systems, piping systems, and mechanical systems; integrated design/construction on large or complex design projects; and the application of emerging technologies such as CAD/CAE to the problem of integrating the interdisciplinary design tasks and incorporating facility management considerations during the conceptual design phase.

EDUCATION

Bachelor of Science, Civil Engineering, Magna Cum Laude
University of Alaska, June 1974

Master of Science, Civil Engineering (Structures)
Stanford University, June 1975

Degree of Engineer, Civil Engineering (Structures)
Stanford University, January 1979

Doctor of Philosophy, Civil Engineering (Structures)
Stanford University, June 1991

PROFESSIONAL REGISTRATIONS

★Alabama ★Arizona (Civil and Structural) ★Arkansas ★California (Civil and Structural)
★Colorado ★Connecticut ★District of Columbia ★Florida ★Georgia ★Guam (Civil and Structural)
★Hawaii ★Idaho (Civil and Structural) ★Illinois (Civil and Structural) ★Indiana ★Iowa ★Kansas
★Kentucky ★Louisiana ★Maine ★Maryland ★Michigan ★Minnesota ★Mississippi ★Missouri
★Montana ★Nebraska ★Nevada (Civil and Structural) ★New Hampshire ★New Jersey ★New
Mexico ★New York ★North Carolina ★North Dakota ★Ohio ★Oklahoma ★Oregon (Civil and
Structural) ★Pennsylvania ★Puerto Rico ★Rhode Island ★South Carolina ★South Dakota
★Tennessee ★Texas ★Utah ★Vermont ★Virginia ★Washington ★West Virginia ★Wisconsin
★Wyoming (Civil and Structural)

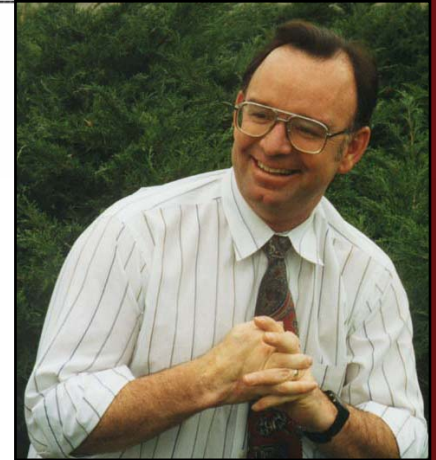
AWARDS

Outstanding Paper of 2000, Journal of the Performance of Constructed Facilities, American Society of
Civil Engineers

PROFESSIONAL HISTORY

March 1985 - Present

Founder, President, Gregory P. Luth & Associates



January, 1998 – April, 2003
Co-founder, President and CEO KL&A, Inc.

January, 1995 – January, 1998
Co-founder, President, Krawinkler Luth & Associates

January, 1990 - December, 1994
Founder, President, TSDC of Colorado

January, 1991 - May, 1994
Managing Engineer, Failure Analysis Associates, Menlo Park, California

January, 1987 - December, 1987
Senior Vice-President, Walter P. Moore & Associates, Tampa, Florida:

January, 1986 - December, 1986
Founder, President, KLMA, Inc., Denver, Colorado:

January, 1982 - February, 1985
Vice President, Tabor Engineers, Denver, Colorado:

January, 1981 - December, 1981
Associate, GCE, St. Louis, Missouri

October, 1976 - December, 1980
Design Engineer, Jack D. Gillum & Associates, St. Louis, Missouri

PUBLICATIONS

Luth, G.P., Jain, D., and McDonald, B., "Qualitative Formulation of Load Paths Through a Functional Description of Structures," Proceedings, Fifth International Conference on Computing in Civil and Building Engineering, Anaheim, California, 1993

Luth, G.P., Krawinkler, H., and Law, K.H., "Representation and Reasoning for Integrated Structural Design," CIFE Technical Report #55, Center for Integrated Facility Engineering, Stanford University, June 1991.

Luth, G. P., Jain, D., Krawinkler, H., and Law, K. H., "A Formal Approach to Automating Conceptual Structural Design. Part I, Methodology," Engineering With Computers, Vol 7, No. 2, 1991, pp. 79-89.

Jain, D., Krawinkler, H., Luth, G. P., and Law, K. H., "A Formal Approach to Automating Conceptual Structural Design. Part II, Application to Floor Framing Generation," Engineering With Computers, Vol 7, No. 2, 1991, pp. 91-107.

Luth, G. P., Jain, D., Krawinkler, H., and Law, K. H., "A Methodology for Conceptual Structural Design," Proceedings of Seventh Conference on Computing in Civil Engineering, ASCE, Washington, D.C., May 1991, pp. 34-43

Jain, D., Krawinkler, H., Luth, G. P., and Law, K. H., "Generation of Floor Framing Plans for Steel Office Buildings," Proceedings of Seventh Conference on Computing in Civil Engineering, ASCE, Washington, D.C., May 1991, pp. 288-297.

Jain, D., Krawinkler, H., Luth, G. P., and Law, K. H., "A Formal Approach to Automating Conceptual Structural Design," CIFE Technical Report #31, Center for Integrated Facility Engineering, Stanford University, August, 1990. "NPAMS2, An Example of Interactive Structural Analysis on Minicomputers," Degree of Engineer Thesis, Stanford University, January 1979.

REPRESENTATIVE PROJECTS

EOR 2006 Hollywood Slots @ Penn National Raceway, Grandstand, Gaming & Parking Garage, Grantville, PA

EOR 2005 San Diego Medical Office-Parking Garage and Office Bldg III, San Diego, California

EOR 2004 Long Beach VA Hospital, retrofit isolator bracing system, Long Beach, California

EOR 2004 Physician's Medical Center, 8-story PT parking garage, San Diego, CA

EOR 2004 Veterans Administration Maintenance Buildings, Golden Gate National Cemetery

EOR 2004 Mt. Hermon Field House, Santa Cruz mountains, California

EOR 2003 Mather VA Hospital, retrofit, Sacramento, California

EOR 2003 Moosman Bridge (timber bridge on golf course), Sacramento, California

EOR 2002-2006 Charlestown Race Track, Charlestown Phases I-IV, West Virginia

EOR 2002 HGTV Dream House, Bay County, Florida

EOR 2002 Casino Magic Hotel, Bay St. Louis, Mississippi (12-story post-tensioned Hotel)

EOR 2001 Tabor Center Redevelopment, Denver, Colorado

EOR 2001 DownTown Disney, Anaheim, California

EOR 2000 Disney's Grand Californian Hotel, Anaheim, California

EOR 2000 Orchard Hotel, San Francisco, California

EOR 1999 Grand Pines Clubhouse (timber & log clubhouse), Gulf Port, Mississippi

EOR 1997 Lennox Corporate Headquarters, Dallas, Texas

EOR 1990s 10 School projects for Bay Area varies school districts

EOR 1996 City Center West (2 new 5-story office buildings), Las Vegas, Nevada

EOR 1996 Las Vegas Hilton Sign, Las Vegas, Nevada (world's tallest sign)

EOR 1996 Coronado Bridge, Contract 1, San Diego, California (seismic retrofit)

EOR 1996 Casino Magic Pavilion, Bossier City, Louisiana)

SC 1995 Richmond-San Rafael Bridge, Richmond, California Retrofit, independent check

EOR 1995 Isle of Capri Pavilion, Lake Charles, Louisiana

EOR 1994 Isle of Capri Pavilion, Biloxi, Mississippi

EOR 1993 Aspen Concert Hall, Aspen, Colorado

EOR 1991 18th Street Atrium renovation, Denver, Colorado

EOR 1991 Tramway Building renovation, Denver, Colorado

EOR 1988 Rivercenter, San Antonio, Texas (mixed use on the Riverwalk)

EOR 1985 Tabor Center, Denver, Colorado (mixed use)

EOR 1985 State Office Building renovation Denver, Colorado

EOR 1985 Tivoli Brewery Renovations (historical landmark), Denver, Colorado

Project Manager Southwestern Bell Headquarters, St. Louis, Missouri

Project Manager Tampa Convention Center, Tampa, Florida

Project Engineer Lake Placid Olympic Arena, Lake Placid, New York

Project Engineer USA Today Building, Washington, D.C.

Project Engineer Sheraton Park, Washington, D.C.