

CURRICULUM VITAE - PETER PETROVSKY, PE

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PROFESSIONAL CREDENTIALS

Registered Professional Engineer - Civil, CA, 1983 (#C37022)

Registered Professional Engineer - Mechanical, CA 1981 (#M21101)

General Engineering, Class "A," California 1984 #566024 RMO

General Building Contractor, California, 1984 Class "B" #566024, CSLB SME (Subject Matter Expert)

Earthwork & Paving, Class "C-12" 1984, CSLB SME (Subject Matter Expert)

Hazardous Substance Removal Certification "HAZ," California 1989, #566024

Contractors State License Board (CLBS) Industry Expert (IE)

Registered Environmental Assessor, CA (RCE 03778, inactive)

EDUCATION, TRAINING, AND QUALIFICATIONS

General Engineering, Bachelor of Science, CA State University Northridge, 1980

Graduate Studies (no degree), Civil/Structural Engineering, CA State University Northridge, 1980-1985

Environmental, Engineering and Law Courses, University of CA, Santa Barbara

Agricultural Technical School, Czechoslovakia, 1963-1967

FLIR Thermography, Level 1 Thermographer

State Bar of CA Mandatory Fee Arbitration, Appointed as a Fee Arbitrator, 2014-present.

MCLE Speaker on assorted topics, including expert witness selection and premises liability.

Computer expertise: AutoCAD, Land Dev., Inventor & Building System Desktops, ANSYS FEA

Professional Memberships (past or current): ASME, ASCE, Forensic Expert Witness Association of

Los Angeles (FEWA), SAE, SIA, NSPE, The Society of American Military Engineers, American

Water Works Association AWWA, Illumination Society

DIVERSIFIED ENGINEERING OF WESTLAKE, INC., CA

1984 - Present

Operations Manager and President

Plans and manages all operations, including fieldwork. Designs and prepares grading plans, commercial structures, office buildings, single family dwellings, and multi-unit residential facilities. Designs mechanical building systems. Ensures compliance with various codes and administrative regulations, including OSHA, ASME Boiler and Pressure Vessel Code, Federal Construction Specifications, and ASTM Codes. Provides all supporting engineering services for complete site plans, including hydrology, street design, waterline, and sewer design. Performs major and minor subdivisions from beginning to recording. Represents clients in variety of entitlement applications. Provides environmental documentation including traffic studies, biology, soils, and geology reports. Provides technical expertise in real estate transactions. Provides expert witness services in engineering,

entitlement, construction, and safety. Assists the California Contractors State License Board in the resolution of complaints against various licensed contractors.

MAJOR PROJECTS:

- a. Approximately fifty parcel maps and tracts
- b. Contractor Quality Control at Point Mugu Naval Station
- c. Residential Construction of approximately thirty-five homes
- d. Public works road, water, and sewer construction projects.

AMERICAN TRACTOR EQUIPMENT CORP., CA
Vice President, Engineering

1993 – Present

Design and manufacture of attachments for earthmoving equipment. Research and development for new cable plow, vibratory drivers, rippers, and slope boards. Department management and customer liaison. All design and drawings in solid models. Set up licensing program. Provides expert witness services in the use and design of construction equipment and attachments.

MAJOR PROJECTS:

- a. Produce special cable plow for mid-size bulldozers.
- b. Design and produce slope boards for all sizes of bulldozers.

AIRESEARCH, Applied Mechanics Group, CA
Applied Mechanics Support Engineer/Analyst

1982 – 1984

Airesearch (now Allied Signal) is a well-known manufacturer of MACK trucks, turbomachinery, heat exchangers, and related products. Consulted for various engineering departments of Airesearch. Provided a broad spectrum of engineering support using state of the art computer software, including finite element and solid modeling technology. Implemented research program evaluation procedures with design of test setups. Supported product lines of aerospace heat exchangers, pressure vessels and commercial turbo machinery. Performed services as an outside engineering consultant.

MAJOR PROJECTS:

- a. Turbo-expander for gas liquefaction
- b. F-16 flap wing actuator and Boeing 747 elevator redesign program.
- c. M1 Bradley tank AC unit
- d. “Smart” tank projectile design and FEA analysis

PIPE TECHNOLOGY SYSTEMS CORPORATION, CA
Project Manager

1980 – 1982

Pipe Technology Systems produced design documentation and provided construction management services for construction and refurbishing of factories. Managed and designed construction of Babson Milk Tank production facilities, GATX hopper car facilities in Illinois, and Richmond Tank Car plants

in Texas. Provided management for mechanical, manufacturing, and civil engineering support for “turnkey” installation, including buildings, equipment layout, etc. Provided inspection and insured contractors’ compliance with contract documents. Responsible for the design and construction of metal fabrication equipment to produce various large cylindrical metal products.

MAJOR PROJECTS:

- a. Construction of \$30M Richmond (Railroad) Tank Car Company Steel Fabrication Facility
- b. Feasibility study and cost estimating of Babson Bros Transport Plant
- c. GATX – Hopper railroad car production plant
- d. Ship propeller maintenance station design and construction, Long Beach Naval Shipyards
- e. Brown and Root pile driving systems for offshore drilling rigs.

**AMERON CORPORATION., EEC, CA
Development Project Manager**

1978 – 1980

Managed research, development, and evaluation of steel and reinforced pipe (concrete and plastic) and coatings for construction industry (products used in municipal water and sewer projects). Responsible for troubleshooting of pipe manufacturing, grading, and bedding installation problems in the field. Employed the use of electronics and micro-processor data acquisition systems. Worked with division management and clients. Extensive exposure to electronics and micro-processor data acquisition systems for monitoring stress, strain, temperature, corrosion, and vibration.

MAJOR PROJECTS:

- a. Central Arizona Water Project – Trouble shoot cracking failure of 24 ft. diameter concrete pipe.
- b. American Pipe Institute – Failure and analysis of reinforced concrete pipe
- c. North Sea Platform, Norway – Forensic studies and evaluation of sand filled epoxy.
- d. Research fiber reinforced epoxy pipe for chemical processing industry.

**SIERRACIN CORPORATION, CA
Project Engineer, Engineering**

1976 - 1978

Project Manager and client liaison for design and manufacturing of aircraft transparencies and related products. Managed product design from proposal to delivery. Work included airframe structural analysis, material selection, and testing.

MAJOR PROJECTS:

- a. CL 600 business jet windshield assembly design and field testing in Toronto, Canada
- b. Electronic aircraft windshield heater controller unit design and laboratory testing
- c. Other projects included “hot patch” for light aircraft and large aircraft windshield support.

BARRY WRIGHT, INC., CA
Project Engineer, Development

1974 - 1976

Project Manager for design and manufacturing of vibration isolation and other related commercial and aerospace mechanical systems. Extensive development works with new materials, elastomers and lubricants using state of the art computer programs. Part of a research and development team for the design and prototype fabrication of pipe shock isolators “snubber” for nuclear facilities.

U.S. ARMY, Dugway Proving Grounds, UT
Specialist 5th Class/Sergeant

1971 - 1974

Computer programmer and operator using FORTRAN and Basic. Operated IBM 360 mainframe computer in a support group for Chemical and Engineering Team. Computer processing of analysis and implementation of weather data and its influence on chemical data gathering at Dugway Proving Grounds. Honor Graduate from turbine engine school in Ft. Eustis, VA, and Heating Ventilation and Air Conditioning (HVAC) School at Fort Humphries in Korea. Attended Officers Prep Courses, University of Maryland, Utah, and BYU. Earned MOS as a Turbine Engine Mechanic & Helicopter Door Gunner, Sergeant-Personnel Specialist, and Linguist.

FORENSIC EXPERIENCE

1984 – Present

Peter Petrovsky, PE, has provided services as a consultant and expert witness in applied civil and mechanical engineering science, building, infrastructure, and earthwork contracting. His strength and experience are to successfully combine engineering and applied mechanics, research and development with field experience and contracting skills. His shirtsleeve approach to problem solving gives him the ability to distill complex technical issues to an understandable presentation in the appropriate forum, including jury or bench trials, arbitration, settlement negotiation, and mediation. He has served in approximately eight hundred cases. Assisted equally, counsel for plaintiffs and defendants on cases in California, New York, Illinois, Indiana, Pennsylvania, Hawaii, Kentucky, Ohio, Washington, and Nevada. His word of advice to attorneys and carriers is to consult with an expert at the onset of a dispute rather than to wait for time to designate. A skilled, sincere, seasoned expert should be able to help frame and focus a case, including discovery, key issues and, should provide a direction that will save time and money.

Forensic technical consultant to:

Forensic Expert Advisors 2000-2005
Litigation Legal Insight 2015-Current
TASA1997 - Current
Diligence, Inc. 2009-Current
ForensisGroup 1999-2001
Wagner Hohns Inglis, Inc. 1999-2000
Thomson Reuters Expert Witness 2012-
Current

CLIENT TESTIMONIALS:

REAL EXPERTISE AND EXPERIENCE

"Peter's expertise and experience, and, equally important, his ability to explain technical matters in plain English, were invaluable to my understanding of the complex engineering questions central to the case."

A. M. Esq. LAW OFFICES OF
ALEXANDER MAGHADDAM, PC

INVALUABLE ASSISTANCE AND PROFESSIONALISM

"As you know, the jury in the above-entitled trial returned a unanimous defense verdict after only one hour of deliberation last Friday. Afterward, I received substantial jury feedback complimenting the strength and quality of your testimony as well as your demeanor on the stand.

..., I want to take this opportunity to thank you again for your invaluable assistance and professionalism in this matter. I enjoyed working with you and hope to have the opportunity to do so again soon..."

J. R. Esq. LAW OFFICES OF JAMES R.
ROSEN

DEDICATED AND SUPERB WORK

"..I take this opportunity to thank you personally on the behalf of myself, Gary Wollberg, Kevin Wheeler and Mitsubishi Heavy Industries, for your dedication, consummate professionalism, and superb work. I appreciated greatly the way you responded to every challenge from dealing with the complexity and scope of the issues confronting us to the unfailing courtesy you showed me. Thank you. It was a joy to work with and learn from the best."

G.S. Esq. MUSICK, PEELER & GARRETT
LLP

EXCELLENT WORK ETHIC

"I will advise the other members of my firm as well as the carrier that in the event that we

need any additional experts in terms of engineering or on other matters, they should keep you in mind, as well as any other engineers at Diversified Engineering....I will be certain to make sure that you are at the forefront of our expert list and that our personal injury and litigation department is aware of what appears to be your excellent work ethic.

S.R.D. Esq. SIEGEL, MORENO &
STETTLER, APC

I APPRECIATE THE WORK YOU PERFORMED

"I appreciate the work you performed on this case and look forward to working with you on future matters. Thank you." M. W. Esq.
HARRINGTON, FOXX, DUBROW &
CANTER, LLP

THANKS FOR YOUR INSIGHTS

"The case settled yesterday. Thanks, Peter for your insights regarding the vehicle code, very helpful."

K.V. Esq. LAW OFFICES OF SANTANA,
TCHENG, VIERRA & SYMONDS

*A few recent results:

\$30,000,000 unanimous construction fatality jury verdict in Los Angeles Superior Court, Anaya v. General Eq. Jury for the plaintiff.

\$4,000,000 judge trial in property damage resulting from ruptured major utility water line in Ventura Superior Court in favor of Ojai Theater. Decision for Plaintiffs

Jury verdict in favor of the City of Santa Barbara in personal injury case Carter v. City of Santa Barbara et. al. Defense verdict.

Falco v. County of Orange defense case resulted in Summary Judgement Motion in favor of County of Orange. SJM defense

USC Medical fatality claim against the County of Los Angeles. Defense settled.

Ledesma v. City of Glendale, pedestrian hit by a vehicle at an intersection. Plaintiffs settled.

NICHOLAS ELLIOTT vs LINDAHL BROTHERS, INC., Chicago, IL serious PE by an excavator, Plaintiff's case settled.

Washington State successfully assisted counsel in defeating an environmental appeal SJM in a \$330 million refinery upgrade project. Decision against appellants.

Assisted in a successful resolution of several subrogation cases involving serious personal injuries caused by CAT heavy forklift equipment collapse, a bulk shipping facility conveyor employee injury, etc.

HE WAS AWESOME!

Alameda County Superior Court, Sept 2021
My expert witness was Peter Petrovsky https://lnkd.in/gHJcaX_B. He was everything you could ever want in an expert witness, knowledgeable, presentable, and more importantly, available. I cannot tell you how many times I called him, and he always answered the phone and gave me audience, which was invaluable. In addition, his versatility allowed me to get away with two experts versus the municipality's barrage of seven experts. He was awesome!
Emmanuel Enyinwa, Proprietor and Owner,
Law Offices of Emmanuel Enyinwa

PETER WAS OUTSTANDING

Peter proved integral in educating me on the technical aspects of a complex plaintiff's consumer case involving the failure of a diesel engine in a large piece of industrial equipment. As a solo practitioner up against opposition from large, multi-office firms, I know Peter's involvement truly helped the client's cause. If another case with similar issues walked through the door tomorrow,

Peter would be the first person I called. JRP, Law Office of Jonathan R. Prazak, PLLC, December 29, 2021

THE TARGETED INPUT

Thanks again for the targeted input throughout the case – noting that we remain greatly appreciative of your expertise and look forward to working together with you in the future. Best, Jonathan Kaplan
Bremer Whyte Brown & O'Meara, LLP