

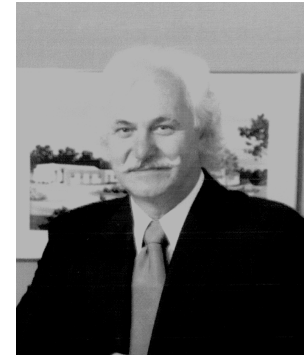
Credentials

Professional Engineer

New Jersey # 24108 Pennsylvania # 024573-E
Virginia # 13486 North Carolina # 11731
Delaware # 6182 South Carolina # 9949
Maryland # 12571 Massachusetts # 33219

Professional Land Surveyor

Pennsylvania
SU-988-A



Education

Diplom Ingenieur in Sciences

Technical University of Vienna, 1972

Continuing Education through programs offered by :

Penn State University	American Society for Testing and
Lehigh University	Materials
Engineers Club of Philadelphia	American Institute of Steel Construction
American Society of Civil Engineers	
American Concrete Institute	

Professional Service Positions

American Society for Testing and Materials (ASTM) Committee F13 on Safety and Traction for Footwear
Pennsylvania Society of Professional Engineers Ethics Committee - 1996
Pennsylvania Society of Professional Engineers Title Pursuit Task Force Committee
Pennsylvania Society of Professional Engineers Lehigh Valley Chapter Board of Directors - 1998 to Present

Professional Associations

National Society of Professional Engineers (NSPE)
American Society of Civil Engineers (ASCE)
Pennsylvania Society of Professional Engineers
American Institute of Steel Construction (AISC)
American Concrete Institute (ACI)
Building Officials & Code Administrators International (BOCA)

Areas of Concentration

Civil engineering
Structural engineering
Soils engineering
Foundation engineering
Architectural engineering
Surveying
Land development
Construction documentation

Construction management
Construction economics
Construction site safety
Building codes and standards
Municipal engineering
Environmental engineering
Building design & defects
Ergonomics and human factors

Specific Experience & Interest

Rough and finish grading
Excavation, trenching and shoring
Ladders, scaffolds and cranes
Trips and falls
Water treatment and supply
Stormwater drainage
Sewage treatment plants
Foundations and footings
Roads and highways
Subdivisions
Bridges and culverts
Traffic protection and maintenance
Timber framing
Billboards
Concrete structures and paving
Asphalt paving
Roof failures
Masonry cracking
Environmental site assessments
Landfills

Automotive accidents
Building acoustics and noise control
Construction materials and systems
Curbs and sidewalks
Demolition and blasting
Floors and finishes
Friction testing
Swimming pools
Wood trusses, erection and failure
Waterproofing
Wood ladders
Warnings and labels
Walking surfaces
Underground utilities
Septic tanks
Sinkholes
Stairways
Bicycle accidents
Building inspections
Ada compliance and accessibility

Public Service Positions

Eastern Pennsylvania Health Systems Council, Advisory Board 1980 - 1984
Junior Achievement of Lehigh Valley - Guest Teacher Economics 1996 to Present

Publications

“Some New Approaches to Substructure Design, Using precast Concrete Components”
presented as paper (BC-84-16) at the International Bridge Conference, Pittsburgh, PA 1984

Relevant Information

Selected for inclusion in International Who’s Who of Professionals

Professional Experience

Institute for Products, Engineering & Construction **1999 to Present**
Consulting and forensic engineering services for attorneys and insurance companies. Projects involve the disciplines of civil and structural engineering. Issues addressed span all aspects of land development, construction design, management and safety as well as federal and local regulatory concerns. Related safety issues address accidents on construction sites and within buildings, as well as pedestrian and vehicle accidents involving interaction with the constructed environment.

Consulting Engineer **1973 to Present**
Executive Vice President of broad-based engineering firm offering services in the fields of Civil, Structural, Environmental, Land Development, Municipal and Building Engineering, as well as Surveying, Landscape Architecture and Construction Management

Served as consultant to international real estate syndicator, resulting in significant cost savings overall. Performed troubleshooting for investors with respect to projects in distress, suffering from unfeasible designs, excessive overhead and construction costs. Instituted quality control procedures and zero-defect program to turn around and work out affected projects. Established in-house design capabilities and quality control protocols. Decentralized operations by establishing multiple satellite offices, including hiring and training of professional staff and writing procedures manuals and standard documents.

Donald Farkas Civil Engineers **1972 - 1973**