**John J. Peirce, Jr., P.E.**

With over 45 years of design-build, Civil, Geo-Structural, and Construction Engineering experience, Mr. John J. Peirce, Jr., P.E. is well-equipped to provide to his clients a wide range of engineering services needed for their building, highway, bridge, and marine projects. Besides being a founder, owner, and officer of Peirce Engineering, Inc. ([www.PeirceEngineering.com](file:///C:\Users\john\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.Outlook\FKFNFKZK\www.PeirceEngineering.com)) since 1992, Mr. Peirce’s responsibilities include engineering design of various types of structures for both his contractor clients and for other engineering firms. Types of structures designed include those such as temporary and permanent earth retaining walls, soil and rock anchors, bearing piles, micropiles, drilled shafts, underpinning, soil nail walls, bridges, and sheet pile bulkheads and cofferdams. Mr. Peirce’s combination of construction and engineering experience has enabled him to provide his clients with several thousand, safe, successful, and economical designs. In addition to his design duties, he is responsible for mentoring and training the firm’s engineers and for providing quality control and review for all of their engineering work.

Originally from Philadelphia, PA and living in Collegeville, PA since 1983; Mr. Peirce graduated from Drexel University in 1973 with a Bachelor’s Degree in Soil Mechanics and Construction Management. As an undergraduate, he was a member of Drexel’s first-ever concrete canoe team which utilized recycled, crushed glass as the concrete mix’s aggregate. In 1978, he earned his Master’s Degree in Geotechnical Engineering from Drexel. Mr. Peirce is a licensed professional engineer in Delaware, Maryland, New Jersey, New York, and Pennsylvania. He is also a licensed professional land surveyor (retired) in Pennsylvania.

After four Drexel co-operative work assignments and graduation, Mr. Peirce continued to work until 1981 for The Conduit & Foundation Corporation, a Philadelphia-based heavy and highway contractor. There, he worked on many notable projects such as the Girard Avenue Bridge over the Schuylkill River, the original construction of Six Flags Great Adventure Theme Park, the tunnel section and roof landscaping for the I-95 Tunnel at Penn’s Landing, and the Market East Station for the Center City Commuter Connection (now Jefferson Station). In 1981, Mr. Peirce started working for Schnabel Foundation Company where he became the Branch Manager, responsible for design-build, geo-structural projects predominately in the Mid-Atlantic and New England States. Projects worked on for Schnabel included excavation support and underpinning for many of the major high-rise buildings in Philadelphia, PA and Wilmington, DE and for a number of colleges and universities such as Drexel, the University of Pennsylvania, Villanova University, Harvard, Yale, Cornell, and MIT.

In 1992, Mr. Peirce co-founded Peirce Engineering, Inc., performing construction and geo-structural engineering for contractors that did not have in-house engineering capability. In addition to doing design, he also helped clients perform other types of work which they had previously subcontracted to specialty contractors. Notable projects on which Mr. Peirce and Peirce Engineering have worked include Restoration of the Historic Fairmount Waterworks, PennDOT’s I-76/Rt. 202/Rt. 422 Interchange, the Comcast Innovation Tower, NYC’s World Trade Center Ground Zero Access Bridges, approximately 70 steel sheet pile cofferdams for construction of the Rt. 52 Bridge between Somers Point and Ocean City, NJ, underpinning and excavation support for the University of Pennsylvania’s Museum of Archaeology and Anthropology, The New New York (Mario Cuomo) Bridge, excavation support for Children’s Hospital (CHOP), at 72 feet deep, perhaps the deepest building excavation ever in Philadelphia, value-engineered micropile foundation design of catenary structures for SEPTA’s Media Elwyn Rail Line, design of sheet pile cofferdams for demolition of the Goethals Bridge river piers in NY and NJ, and micropile underpinning for expansion of the Philadelphia Museum of Art.

Over the years, Mr. Peirce has prepared technical papers and presented technical sessions to various State Departments of Transportation and to technical and industry groups such as the Deep Foundations Institute (DFI), the International Foundation Congress & Equipment Expo (IFCEE), the North American Steel Sheet Piling Association (NASSPA), the ASCE/PennDOT Central Pennsylvania Geotechnical Conference, the American Society of Highway Engineers – Delaware Valley Section (ASHE-DelVal), the American Society of Civil Engineers – Delaware Valley Geo-Institute (ASCE-DVGI), the National Association of Women in Construction (NAWIC), New Jersey Institute of Technology (NJIT) graduate class, and the Pile Driving Contractors Association – Northeast Chapter (PDCA). In addition, Mr. Peirce is co-author of Chapter 7, Earth Retaining Structures, in *Handbook of Temporary Structures in Construction*, 3rd Edition, 2012, McGraw-Hill. He was awarded U.S. Patent No. 4,911,582 for repair or improvement of retaining walls using post tensioned tieback anchors.

In 2016, Mr. Peirce became an Adjunct Professor for Villanova University’s College of Civil and Environmental Engineering where he developed and teaches the graduate-level course, Foundation Engineering.

Mr. Peirce was selected as the American Society of Civil Engineers, Philadelphia Section’s 2002 Civil Engineer of the Year – its highest honor. He is a Life Member and Fellow of ASCE. In 2011, he was elected as a Diplomate of the Academy of Geo-Professionals (AGP). Mr. Peirce is also a Life Member and Past President and Board Member of the American Society of Highway Engineers (ASHE). As a Fellow and Member of the Eng-Tips Round Table, Mr. Peirce is an advisor to engineering forums management on site operations and proposed programming enhancements for this international, on-line, engineering resource. He is a member of The Moles, a highly recognized association of individuals engaged in heavy construction. In addition, Mr. Peirce is a member of ADSC: The International Association of Foundation Drilling, the American Railway Engineering and Maintenance-of-Way Association (AREMA), the Pile Driving Contractors Association (PDCA), and the Ports of Philadelphia Maritime Association.

Mr. Peirce and his firm have supported charitable organizations such as Small Steps in Speech which was founded in honor of Green Beret Medic, Staff Sgt. Marc J. Small, a family friend who was killed in action in Afghanistan, 2009 (<http://www.smallstepsinspeech.org/>); the Norristown Hospitality Center (<http://www.hospitalitycenter.org/>); and Father Chuck’s Challenge (<http://www.fatherchuckschallenge.com/>). When not at work, Mr. Peirce spends his time sailing his boat, Knot at Work, on the Chesapeake Bay with his wife, Beth. When they are not sailing, their six grandchildren keep him very busy – and young!