



Clyde Baker

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Clyde Baker is a past chairman of STS Consultants, Ltd., a 550-person consulting engineering firm headquartered in Vernon Hills, Illinois. Baker has more than 50 years of engineering experience with the design, analysis and construction of deep foundations for high-rise structures. He is responsible for technical consultation and overview on major engineering projects, maintaining technical standards, and development of staff engineering expertise, as well as client and project promotional activities.

During his 50+ years as a geotechnical engineer, Baker has enabled designers and engineers to build super-high and super-confidently, as they pack in more valued space at less cost to developers. From his early days at the challenging site of Chicago's John Hancock Center to today's tallest buildings, Baker's ability to analyze soil conditions, back up predictions with proven tests, and convey opinions with an expert yet easygoing style, has elevated Baker and his firm, STS-AECOM, to one of the world's most sought-after geotechnical consultants and peer reviewers. Engineers the world over credit him with the pursuit of efficient foundations that result in economic options for building developers. Together with his team, Baker has worked on eight of the 20 tallest buildings in the world, including the Chicago Spire and Burj Dubai.

Baker, a Fellow of the American Society of Civil Engineers, has been active professionally on both the local and national scene. He has served as a past president of the Structural Engineers Association of Illinois and the Chicago Chapter of the Illinois Society of Professional Engineers, and is a member of the Chicago Committee on High Rise Buildings. Other organizations with which he is involved include the Council on Tall Buildings and Urban Habitat, Deep Foundation Institute, National Academy of Engineering, Highway Research Board, American Society for Testing and Materials, National Society of Professional Engineers, Western Society of Engineers, and the M.I.T. Alumni Council. Additionally, he has served as Chairman of the Geotechnical Engineering Division of the American Society of Civil Engineers, Editor of the *Geotechnical Engineering Journal* and Chairman of the American Concrete Institute Committee 336 on Footings, Mats and Drilled Piers.

Baker is a registered structural engineer in the state of Illinois and a registered professional engineer in more than a dozen states. He has shared his knowledge and experience with his peers through numerous conference and university lectures, technical articles, papers and publications. He has performed peer reviews of geotechnical studies for high-rise projects around the world, including China, Korea and the Middle East. His contributions to the building industry over the years is evidenced by the many awards he has received throughout his career, including The Moles Non-Member Outstanding Achievement in Construction Award (2006); American Society of Civil Engineers, Ralph B. Peck Award (2000), Martin S. Kapp Award (1995) and Thomas A. Middlebrooks Award (1972); Structural Engineers Association of Illinois, Distinguished Service Award in Structural Engineering (1990); International Association of Foundation Drilling (ADSC), Outstanding Service Award (1991); American Society of Civil Engineers, Chicago Civil Engineer of the Year (1989); and Illinois Society of Professional Engineers-Chicago Chapter, Distinguished Service Award in Professional Engineering (1978).