

KB Engineering, LLC

Kim D. Basham, PhD, PE, FACI

Senior Structural Engineer

Registered Professional Engineer

Arizona, Arkansas, Colorado, Idaho, Illinois, Kentucky, Iowa, Montana, Nebraska, Nevada, New Mexico, North Dakota, Ohio, Oregon, South Dakota, Texas, Utah (SE), Washington & Wyoming

Education

B.S. and M.S. in Structural Engineering from Virginia Polytechnic Institute & State University and a Ph.D. in Civil Engineering from the University of Wyoming.

Activities and Experience

Dr. Basham is a member of the ACI 306 - Cold Weather Concreting Committee, ACI 302 – Concrete Floor and Slab Construction and ACI 347 – Formwork Construction of the American Concrete Institute; American Society of Civil Engineers; The Concrete Society, American Society of Concrete Contractors; and International Concrete Repair Institute. He is a certified Trainer and Examiner for the Concrete Field Testing Technician, Concrete Flatwork Technician & Flatwork Finisher, and Concrete Lab I programs sponsored by ACI. Dr. Basham has taught structural analysis, concrete and masonry design, and concrete material courses at Virginia Military Institute, the University of Wyoming and the University of Colorado at Denver. He has been an instructor in many concrete seminars and short courses directed towards architects, engineers, and contractors across the United States and abroad. Dr. Basham was the co-instructor for the ACI 2016 Formwork webinar series. He has published over 150 articles, coauthored *Excavation Safety* published by The Aberdeen Group and contributing writer for *Concrete Contractor* magazine. Dr. Basham has also served as an expert witness in numerous litigation and arbitration cases concerning concrete construction, materials and engineering.

Prior to forming KB Engineering, Dr. Basham worked as a structural engineer with Concrete Engineering Specialists LLC, Structural Services Inc. and a concrete/construction engineer with Baker Concrete Construction Inc. Prior to joining Baker, Basham was the Engineering Director for World of Concrete and Contributing Editor for *Concrete Construction* magazine. He was also the Director of Engineering for CTC-Geotek, Inc., and an Assistant Professor of Civil Engineering at University of Wyoming and Virginia Military Institute. Dr. Basham specializes in structural analysis, concrete design, mix designs, concrete specifications and preconstruction services, formwork, shoring and reshoring, temporary structures, mass concrete placements, slabs-on-grade, as-cast surface finishes, construction tolerances, concrete forensic investigations, structural evaluations and condition surveys, destructive and nondestructive testing, concrete technology and repair, concrete construction techniques, concrete research and teaching.

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