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Education: University of Florida, Gainesville, Florida, USA
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Dr. Tabatabai, is an Associate Professor of Structural Engineering at the Department of Civil Engineering, University of Wisconsin-Milwaukee (UWM). He is also the Director of Center for By-Products Utilization (CBU) at UWM. Prior to joining UWM in July 1999, he was a Principal Structural Engineer with the Construction Technology Laboratories, Inc. (now CTL Group) in Skokie, Illinois. Dr. Tabatabai worked at the CTL Structural Laboratory for approximately 10 years beginning in 1989. He also worked as a bridge engineer with the Florida Department of Transportation for 2 ½ years.

He has served as PI or Co-PI on a number of projects sponsored by the Wisconsin Highway Research Program (WHRP), National Cooperative Highway Research Program (NCHRP), Federal Highway Administration (FHWA), MnDOT, the Nuclear Regulatory Commission, and other agencies. He was Co-Investigator on a major study sponsored by FHWA on jointless bridges and led the experimental efforts in that study. He has led several major research studies on condition evaluation, long-term durability, chloride permeability, corrosion, and repair of concrete bridges. He has also conducted several studies on beneficial uses of by-products in construction and other applications.

Dr. Habib Tabatabai wrote the NCHRP Synthesis 353 report on inspection and maintenance of bridge stay cable systems. He led the design and construction of two of the world's largest test fixtures for bridge stay cable testing, and performed qualification tests of stay cables for all cable-stayed bridges built in the U.S. in the 1990's. He conceived and led the development of a laser-based non-contact vibration method to rapidly measure stay cable forces in the field (sponsored by FHWA). He also developed analytical models for the use of viscous dampers on stay cables for vibration control. He received a U.S. patent (as primary inventor) on a TMD cable damper. Dr. Tabatabai has been involved in numerous other testing, consulting, and evaluation projects involving bridges throughout the United States.

Habib Tabatabai is a licensed Structural Engineer (SE) and Professional Engineer (PE) in Illinois. He has published over 45 publications on various topics related to structural engineering and bridges. He is a Member of the Post-tensioning Institute (PTI) committee on cable-stayed bridges, and a member of the ASCE Committee 19.