



## The Geotechnical Technical Group Annual Full Day Seminar:

# DRILLED SHAFT DESIGN AND CONSTRUCTION

Presented By

**John Turner, PhD, PE (Dan Brown and Associates)**

**Thursday March 16, 2017**

John Turner is a co-author of the 2010 LRFD FHWA manual "Drilled Shafts: Construction Procedures and LRFD Design Methods" and the author of NCHRP Synthesis 360, "Rock Socketed Shafts for Highway Foundations" and is currently a Senior Principle with Dan Brown and Associates. Dr. Turner will be joining the Geotechnical Technical Group to present on the analysis and design of drilled shafts as well as the techniques used for drilled shaft construction. The presentation will provide an introduction to LRFD design of drilled shafts, including an overall approach to the design of drilled shafts using LRFD methodology; methods for computing axial resistance; and design for lateral loading. Additionally, the presentation will provide an introduction to drilled shaft construction, including dry, wet and cased methods; and recent development in construction techniques. The purpose of this course is to teach the fundamental concepts of drilled shaft design and construction techniques and is intended for geotechnical engineers, foundation engineers, engineering geologists, structural engineers, civil engineers, and construction professionals.

**Date/Time:** Thursday, March 16, 2017, 8:00 am – 5:00 pm, 7:30 am Registration

**Location:** **Pantagis Renaissance (Snuffy's)**  
250 Park Ave.  
Scotch Plains, NJ  
908-322-7726

**Cost:**      Government Employees:      \$175 per person  
                    Full Time Students:      \$175 per person  
                    Early Registration:      \$245 per person (By 3/3/17)  
                    Registration:      \$295 per person (After 3/3/17)

**Register:** <https://drilledshaftdesign.eventbrite.com>

**PDH Credit:** **Six or more PDHs** pending approval.

**Includes:**      Continental Breakfast, Buffet Lunch, two Coffee Breaks, & Seminar Proceedings