



## **Helicals For Deep Foundations:** **When, Where, and Why**

The DANBRO Seminar is a look at key aspects of screw-type deep foundation products. It takes you from the basic components to the engineering equations and design. The goal is to inform design professionals about helical piles and micropiles. Design professionals will learn the circumstances that make these products the most economic engineering solution, mitigating or eliminating a myriad of construction complications. Numerous case histories are used to illustrate the feasibility of these products in overcoming restrictive site conditions and design challenges.

### **Topics**

- \* Key players and their roles: Danbro Distributors, IDEAL, Certified Installer Network, & Design Professionals
- \* Products: Helical Piles and Anchors, Large Diameter Piles, Grouted Helical Micropiles, & STELCOR Drilled-In Displacement Micropiles.
- \* History
- \* Applications & Advantages
- \* Components & Terminology
- \* General Engineering Concepts & Feasibility
- \* Installation & Torque Capacity Relationship
- \* Lateral Loading, Buckling & Corrosion
- \* Case Histories Throughout

### **Presenter**

Pat Haffert, a twenty-three-year veteran of the helical pile industry, presents Danbro's PIE-registered seminars on Helicals For Deep Foundations: When, Where, and Why.