

The Benefits of Combining Side Friction and End Bearing in Drilled Shafts

This presentation explains and illustrates the benefits of combining side friction and end bearing in the design and construction of drilled shafts. A case study including a bi-directional load test is presented to showcase these benefits. Other important and necessary aspects required to account these benefits are illustrated: testing prior installation of the drilled shaft (sonic calliper, downhole camera, mini-SID) and testing post construction (CSL, TIP, coring). Quality control and quality assurance being key elements to an optimized design.