



Vol. 5, No. 1 June 2011

DFI JOURNAL

The Journal of the Deep Foundations Institute

PAPERS:

Non-Destructive Testing, Evaluation and Optimization of Existing Deep Foundations for Re-Use along the East Coast – Matthew E. Meyer and Rudolph P. Frizzi [3]

Theoretical and Experimental Investigation on Underwater Ground Anchors – Leonello Sciacca, Fausto Valmori, Cesare Melegari, Fabio Maletti, Maurizio Lenzi, Paola Campana, Vincenzo Padovani [15]

Slope Stabilisation of a Section of the Thirlmere Aqueduct by the Use of Spaced Micropiles and Permeation Grouting – David Preece [27]

Installation and Performance Characteristics of High Capacity Helical Piles in Cohesionless Soils – Mohammed Sakr [39]

Behavior of Grouted Shaft Helical Anchors in Clay – Alan J. Lutenegro [58]

TECHNICAL NOTE

Simplified Settlement Model for a Shallow Foundation on Composite Ground with Rigid Piles – Timothy C. Siegel [68]

Deep Foundations Institute is the Industry Association of Individuals and Organizations Dedicated to Quality and Economy in the Design and Construction of Deep Foundations.



Vol. 5, No. 2 December 2011

DFI JOURNAL

The Journal of the Deep Foundations Institute

PAPERS

Themed Edition on Testing:

Case History: Foundations for the New Mississippi River Bridge, St. Louis – Paul J. Axtell and Dan A. Brown [3]

Geotechnical Exploration Phase Drilled Shaft Load Testing – Walter E. Vanderpool, Rick L. Chesnut and Michael E. McGettigan [16]

Lateral Load Testing Micropiles to Evaluate the Impact of Threaded Joints and Casing Embedment on Short Micropiles in Shallow Rock – J. Brian Anderson and Michael R. Babalola [23]

Hyperbolic P-Y Model for Static and Cyclic Lateral Loading Derived from Full-Scale Lateral Load Testing in Cemented Loess Soils – Steven Dapp, Dan A. Brown and Robert L. Parsons [35]

Determination of Pile Damage in Concrete Piles – Gerald E.H. Verbeek and Peter Middendorp [44]

TECHNICAL NOTE

Hollow Threaded Rebar for Cross Hole Sonic Logging Access Tubes Combined with Longitudinal Concrete Reinforcing in Drilled Shafts – Josef K. Alter [51]

Deep Foundations Institute is the Industry Association of Individuals and Organizations Dedicated to Quality and Economy in the Design and Construction of Deep Foundations.