



PILE DYNAMICS ADDS LITE TO DEEP FOUNDATIONS PRODUCT LINE

Pile Dynamics, Inc. now manufactures an instrument that evaluates the length of steel piles (H-piles, Pipe piles, Cased Drilled Shafts, Steel Sheet Piles) using the inductive field method, the Length Inductive Test Equipment, or LITE.

“Length determination is key for foundation reuse or when unexpected settlement or scour raise concerns about bearing capacity”, said Gina Beim, Senior Engineer for Marketing. Beim added “The LITE is a tool the Foundation Testing Engineer should consider using for length determination



of steel piles, while for concrete piles the Pile Integrity Tester, also manufactured by Pile Dynamics, continues to be the tool of choice”.

Pile Dynamics’ sister company, GRL Engineers, Inc, field tested the instrument and reported that its operation is simple and data interpretation straightforward. All you have to do is “lower the Inductive Sensor of the LITE into a PVC lined hole drilled within 18 inches of the pile to be tested and observe the resulting Voltage reading” reported GRL. “As long as the inductive device senses the proximity of metal or other conductive material the LITE will show

a high voltage. If there is no metal in the neighborhood then the voltage will be dropping to a low value”.

Pile Dynamics has been manufacturing testing instruments for deep foundations for more than 35 years. Best known for having disseminated Dynamic Load Testing with the Pile Driving Analyzer to more than 90 countries around the world, the company produces several other quality assurance and quality control products for the deep foundations industry. Pile Dynamics is located in Cleveland, Ohio, USA, and has commercial representatives in all continents. For more information visit www.pile.com.