Pile Dynamics, Inc.

Quality Assurance for Deep Foundations

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For Immediate Release

iCAP™, Pile Capacity by Signal Matching

Pile Dynamics, Inc has announced it will be enhancing its flagship instrument, the Pile Driving Analyzer® (PDA), with the iCAP software.

Since 1972, Pile Dynamics has provided the world with the PDA – the ultimate in dynamic pile testing systems. When used for pile driving monitoring, PDAs furnish, in real time, information on pile installation stresses, hammer performance, pile integrity and, most importantly, capacity at the time of the test. Today PDAs test piles from Sweden to Australia, from Brazil to China, in a total of 90 countries. PDAs have become an integral part of engineering the best solutions for deep foundation challenges.

Up to now the Pile Driving Analyzer has calculated capacity at the time of the test solely by the Case Method. A CAPWAP® analysis, performed after the conclusion of the test, yields the ultimate bearing capacity. iCAP represents an improvement - it is instant signal matching based on the widely accepted CAPWAP logic. " iCAP instant signal matching leverages 40 years of continued improvement and development of the globally-accepted CAPWAP logic", declared Garland Likins, the president of Pile Dynamics. With no user interaction, iCAP will extract the soil behavior from dynamic measurements, compute capacity by signal matching, and produce a simulated static load test graph, all in real time during the pile test.

Pile Dynamics produces several other quality assurance and quality control products for the deep foundations industry. The company is located in Cleveland, Ohio, USA, and has commercial representatives in all continents. For more information visit www.pile.com

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