

Pile Dynamics' PDA enhanced with iCAP software

Pile Dynamics has enhanced its Pile Driving Analyzer (PDA) with the iCAP software.

The company's PDA furnishes, in real time, information on pile installation stresses, hammer performance, pile integrity and, most importantly, capacity at the time of the test. Up to now, the PDA 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.

With no user interaction, iCAP will extract the soil behaviour from dynamic measurements, compute capacity by signal matching, and produce a simulated static load test graph, all in real time during the pile test. ■

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