

Dynamic Load Testing of Deep Foundations Enhanced by Latest Version of CAPWAP® Software

CLEVELAND – Pile Dynamics has released a new version of its dynamic load test software. The CAPWAP software analyzes data obtained during dynamic load tests of deep foundations (these load tests are also known as High Strain Tests or PDA tests) to determine foundation bearing capacity, resistance distribution and other relevant information. It also simulates a static load test. Pile Dynamics, Inc. announced in late 2006 the release of a new version of the tried and true program, and has made the software an integral part of all PDA (Pile Driving Analyzer®) systems.

The increased popularity of dynamic load tests to evaluate drilled shafts and auger cast-in-place (CFA) piles prompted the software developers to include features especially suitable for these types of foundations. Useful options for the analysis of pipe piles have been added, and the program now optimizes the way it treats foundations depending on their length. Lastly, the static load test calculations give the user more choices. This latest version actively engages users in the analysis to help them reach correct results in a short time while providing more control over the abundant output