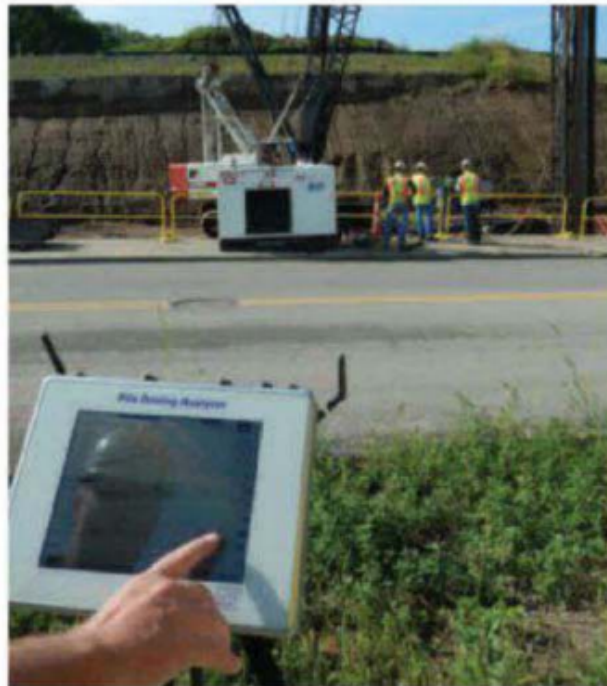


# New System for Dynamic Load Testing of Piles

**The Pile Driving Analyzer® (PDA)** model 8G is a complete redesign of the most widely employed system for dynamic load testing of deep foundations. Like previous PDAs, it uses data obtained by sensors attached to a pile to calculate capacity and more than 230 other quantities once a driving hammer or other drop weight hits the pile.

The PDA-8G is thin, light and ergonomic with a display that features swiping and pinch-to-zoom. Up to eight universal channels of data acquisition, all compatible with wireless sensors, eliminate restrictions on the type of data each channel can read and allows for more testing flexibility. Faster data transfer makes it easier to test piles being driven by hydraulic hammers with high blow rates. The software includes more extensive data input help and output customization, and two real time capacity calculation methods (CASE and iCAP®, the latter being similar to the well-respected CAPWAP® software).



**New version of Pile Driving Analyzer® dynamically tests foundation capacity.**

Incidentally, a new version of CAPWAP is also being released. The PDA-8G offers the engineer the option of being in the field for the test or of using SiteLink® technology to have test data transmitted in real time to an alternate location.

Pile Dynamics, Inc. had last released a new version of CAPWAP in 2006 and a new model of Pile Driving Analyzer in 2007. The company is bracing for an influx of orders from users wishing to upgrade. ■

IMAGES: GEOPIER (LEFT); PILE DYNAMICS, INC. (RIGHT)