

## PILE-MONITORING DEVICE FEATURES IMPROVEMENTS

Pile Dynamics, Inc., has launched a new model of the Pile Installation Recorder (PIR), its popular instrument for monitoring the installation of augered cast-in-place, continuous flight auger, and drilled displacement piles. The new PIR displays the incremental grout volume and other variables that are essential for QA/QC on a much more visible screen. A red/green indicator makes it easier for the operator of the drilling rig to maintain the target auger withdrawal rate. The grout volume data come from a magnetic flow meter and depth readings from a depth measurement unit that is now wireless and much smaller and lighter. Auger rotation data are also sent to the PIR via a wireless transmitter, making installation quicker and simpler. Data can be retrieved via a USB memory stick, and the PIR can print an installation record in the field. The device is compliant with the Geotechnical Circular Number 8 from the U.S. Federal Highway Administration (FHWA GEC 8).

—*Pile Dynamics, Inc.*

[www.pile.com](http://www.pile.com)

