

## **PIR-A PRESS RELEASE**

### **PDI'S Pile Installation Recorder for Augercast Piles: Accurately Records and Displays Pumped Grout Volume**

Pile Dynamics, Inc. has developed an electronic instrument that monitors the installation of augercast piles and improves quality control. The Pile Installation Recorder PIR-A records and displays accurate pumped grout volume ( $\pm 2\%$ ) as a function of depth during auger withdrawal. The PIR-A unit measures 8" x 7" x 2" (20 cm x 18 cm x 5 cm) and is installed in the crane cabin. If a problem is noted by the rig operator, the pile is re-drilled and re-grouted while the grout is still fluid. This avoids pile defects. The PIR-A also monitors grout line pressure and volume per pump stroke, displaying the actual and target withdrawal rates as a guide to the operator for maintaining a minimum grout ratio. Optional measurements include angle of installation and auger torque. Pile Dynamics, Inc. is well known as the developer and supplier of the PIT - Pile Integrity Tester, and the PDA - Pile Driving Analyzer. For further information, contact Pile Dynamics, Inc. at 4535 Renaissance Parkway, Cleveland, OH 44128. Phone:(216) 831-6131. Fax:(216) 831-0916. Email: [info@pile.com](mailto:info@pile.com). Website: [www.pile.com](http://www.pile.com).

