

## Pile Dynamics

**GRL Engineers Inc.** has equipped all its offices with PAL-Rs from **Pile Dynamics Inc.** which are Pile Driving Analyzers (PDAs) with data transmission capabilities. This will enable GRL offices to better meet a steadily increasing demand for pile driving monitoring and dynamic load testing of piles and shafts. Clients that select this type of test will avoid paying for an engineer's travel costs and find test scheduling much easier. PAL-Rs will be shipped to job sites where testing is required, along with detailed installation and operation instructions. The job site crew will attach sensors on the piles and start the hammer. The PAL-R will then transmit

records via cell phone to the GRL Engineers office, where data will be monitored in real time. Data analysis will immediately follow. This remote testing procedure has been successfully employed in the USA and abroad. GRL will still offer conventional dynamic testing with the PDA model PAK, as well as integrity testing of piles and shafts.

GRL Engineers is a professional engineering firm that specializes in testing deep foundations, with offices throughout the USA. □

