

### Cross - Hole Sonic Logging for Assured Quality

The latest addition to *Pile Dynamics, Inc.*'s line of quality assurance devices is the Cross-Hole Analyzer™, or CHA for short.

The CHA is used to inspect shaft foundations by the cross-hole sonic logging (CSL) method. Shafts to be tested by this method must be built with access tubes down which the CHA probes are lowered. The transmitter probe sends an ultrasonic signal that is picked up by the receiver and processed in real time by the CHA software.

By examining the processed signals, the CHA operator locates defects that may exist in the concrete of the shaft.

The equipment is easy to use, rugged and reliable, and data interpretation is straightforward. □



تقدم "بايل داينمكس" أحدث أجهزة التأكد من الجودة، وهو "Cross-Hole Analyzer" القادر على فحص الأساسات الرأسية باستخدام مبدأ التسجيل الصوتي.