

Pile Dynamics supports revised ASTM

The American Society for Testing and Materials (ASTM) has revised the standard test method for Low Strain Impact Integrity Testing of Deep Foundations, D5882.

This standard covers both the pulse echo and transient response methods of evaluating integrity. Both methods are expedient procedures to investigate the potential existence of major cracks or voids in concrete foundations.

The D5882 standard now encourages considering the soil profile, construction method, site records and results of tests on other foundations at the same

site when evaluating data obtained by these methods. Depending on the type of deep foundation tested, it also suggests examining data from concrete placement automated monitoring, concrete cylinder or core strength tests, crosshole sonic logging (ASTM Standard D6760) and thermal integrity profiling (ASTM Standard D7949).

Pile Dynamics (PDI) supports the recommendations set forth in the revised standard.

ASTM standards can be downloaded from www.astm.org/Standard/index.html.