

FOUNDATIONS

Deep stability

Quality testing

Serious consequences averted at city hall development

The low strain dynamic testing method, using a Pile Integrity Tester (PIT) from Pile Dynamics was used at a site in Franca, 400 km from São Paulo, Brazil, to verify pile depths and integrity for cast-in-situ "Strauss" piles selected for the foundations of a new city hall.

Results from PIT tests revealed multiple problems with the foundations such as concrete segregation, voids, necking and soil intrusion.

A spokesman for Pile Dynamics said, "Remedial measures were taken and serious consequences averted. The cost of the PIT test was extremely small when compared with the potential losses had the defects not been detected."

