

New PDI Accessories for ACIPs

Pile Dynamics, Inc. has released new accessories and software for its Pile Installation Recorder (PIR): the PIR Viewer and a new version of the PIRPLOT data processing and reporting software. The PIR is automated monitoring equipment that

records and displays grout volume versus depth, along with other parameters that help the construction of augered cast-in-place (ACIP) and continuous flight auger (CFA) piles.

The PIR Viewer makes contractors more productive. It is a handheld WI-FI device that allows a supervisor or inspector to see, in real time, the information that the PIR is displaying to the operator in the crane cab. This enables the supervisor to stop the crane operator sooner in case there is a concern. In the past, the pile had to be completed and summary report generated before an inspector could review the installation details. The user of the PIR Viewer pushes of a button to flag when grout return occurs, and may use a logging feature to manually count grout pump strokes. Once the pile is completed this information may be compared to the PIR summary report. Post processing with PIRPLOT generates customizable presentation quality tables and graphs.



PDI's PIR Viewer and PIRPLOT