

Pile Dynamics Celebrates 40 Years of Engineering and Innovation

Pile Dynamics, Inc. (PDI) commemorated its 40th anniversary on October 12, with a series of events that showcased its past achievements and welcomed the future.

Field demonstrations of PDI's latest technologies were given to a group of invited guests, who included International Association of Foundation Drilling (ADSC-IAFD) Director of Operations Tony Marinucci, P.E., M.ASCE and PDI's representative in China, Frank Ko. PDI also demonstrated a combination of wireless transmission of dynamic pile testing data with real time pile capacity calculation (using signal matching software). Pile driving was simulated with a small SPT hammer that transmitted data to the guests seated in PDI's lecture hall. CAPWAP-like results were instantly displayed for each of the hammer blows.

The day continued at the newly-renovated Allen Theater in downtown Cleveland, OH. The theater's expansion is supported by foundations that were dynamically tested using PDI's Pile



The beautifully-renovated Allen Theater in downtown Cleveland, OH.

G-I Organizational Member News

Driving Analyzer®. Several of the guests had strong connections to PDI's beginnings and were instrumental for its success, including Ohio Department of Transportation (ODOT) engineer Jawdat Siddiqi (ODOT funded the original academic research on dynamic foundation testing), Case Western Reserve University (CWRU) Professor Emeritus Tom Kicher, and Cleveland State University Professor Emeritus John Tomko, Ph.D., P.E., M.ASCE.

The afternoon lectures were preceded by the release of a new video which showcased Pile Dynamics products. PDI President Garland Likins, P.E., M.ASCE, gave a recounting of PDI's history from its early days at the Civil Engineering Department of CWRU to the present.

Silas Nichols, Aff.M.ASCE, Federal Highway Administration (FHWA) principal geotechnical engineer, spoke about trends in foundation engineering from FHWA's perspective, followed by Gregg Lowe, president and CEO of Freescale Semiconductors, formerly with Texas Instruments, who discussed the future of electronics in everyday life.

Adel (Tony) Saada, Ph.D., P.E., F.ASCE, professor emeritus at CWRU, discussed the impact that research conducted there had on soil mechanics and foundation engineering. PDI recognized Dr. Saada's 50 years of teaching with a plaque and a gift towards the construction of a new soil mechanics laboratory at CWRU. Also recognized were Frank Ko, for 25 years of friendship and partnership between Earth Products China and Pile Dynamics, and **Mohamad Hussein, P.E., M.ASCE**, and Marcia Giterman, for more than 30 years of distinguished service to PDI.