Pile Dynamics, Inc.

Quality Assurance for Deep Foundations

Webinar on Static Load Testing Instrumentation – Selection, Installation, Analysis, and Results

Who should attend:
Geotechnical, structural, and construction engineers, contractors, pile manufacturers and/or distributors, pile researchers, students, or anyone who specifies, performs, or interprets static load testing of deep foundations. Instrumentation of compression (both top-loading and bi-directional), tension, and lateral tests will be addressed. Routine, and upgraded, instrumentation installations will be presented as they relate to and accomplish static load testing objectives. Load-transfer determinations will be emphasized. More-direct conversion of measured strains to internal forces in the test foundation using the Incremental Rigidity ("IR") method will be described. The IR method is especially applicable to concreted or grouted bored piles and drilled shafts as it does not require that the foundation's area nor its elastic modulus be known to convert strain to internal force. Determination of *t-z* and *q-z* curves will be illustrated.

When: Tuesday, August 6, 2019

This session will begin at 9:00 am Eastern Time (New York Time), and will typically last 1.5 hours. Sessions may last up to a maximum of 2 hours depending on the number of questions from participants. Questions from participants have to be submitted during the webinar in written form (use a chat-box or email), and will either be discussed during the seminar or in subsequent personal communication depending on the general interest of the question.

You will have the opportunity to learn from Van E. Komurka without having to leave your desk.

Lecturer: Van E. Komurka, P.E., D.GE, is a senior engineer at GRL. He received B.S. and M.S. degrees in Civil Engineering from the University of Wisconsin–Platteville and Colorado State University, respectively. He has 33 years' experience as a geotechnical engineer, most-recently at the helm of Wagner Komurka Geotechnical Group, Inc. He serves on ASCE's Deep Foundations Committee, DFI's Driven Pile Committee, PDCA's Technical Committee, and is an instructor for the FHWA's National Highway Institute's course on Design and Construction of Driven Pile Foundations. Van received PDCA's Professional Engineer's Service Award, and PDCA's Presidential Award for Distinguished Service.

Learning Objectives:
At the conclusion of the webinar, attendees will be able to:

- Describe the three different types of static load tests
- Explain the major objectives of each test type
- List instrumentation and data acquisition commonly associated with static load testing
- Identify results available from each test type
- Perform data analysis and present of results

30725 Aurora Road • Cleveland, Ohio 44139 USA • +1-216-831-6131 • Fax +1-216-831-0916
E-mail: info@pile.com • www.pile.com

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Webinar on Static Load Testing Instrumentation – Selection, Installation, Analysis, and Results Form (Please email form to Registration@pile.com)

1 session of at 1.5 to 2 hours on August 6, 2019 beginning at 9:00 AM New York EDT

Registration must be received on or before August 5, 2019

One registration is necessary for each "site", which requires internet access of one computer with audio or telephone connection. Site fee includes an unlimited number of participants and up to four Certificates of Participation. Additional certificates are $10 each. A pdf version of the presentations will be sent to the registered sites prior to the event.

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Pre-Payment by credit card is required. Site Registration for 1 Webinar Session: $150.00

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Refund Policy: Cancellations are accepted only before the start of the first session of the Webinar; paid fee will be applied in full to future Webinar.

Name of Participant(s). Must be registered and complete quiz to receive Certificate of Participation.

1._____4._____

2._____5._____

3._____6._____

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