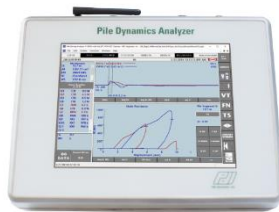


WEBINAR: APPLE Dynamic Load Testing of Deep Foundations

January 29th, 2019

9:00 am (New York Eastern Time)

APPLE Load Testing Systems provide an attractive alternative to static load testing any type of deep foundation. This testing method is particularly advantageous for ease in on-site mobilization, short testing time, low cost relative to static load tests (allowing multiple tests at a single site), and integrity/construction quality evaluation concurrent with capacity determination. These systems have modular ram weights ranging from 1 to 80 tons, and can be used for dynamic load testing or rapid load testing. In a dynamic load test application, APPLE Load Testing Systems can mobilize a capacity as large as 800 tons. The dynamic measurements can be recorded and assessed using the Pile Dynamics Analyzer – Dynamic Load Tester, designed by Pile Dynamics, Inc. specifically for quality assurance testing of drilled shafts and bored piles.



Who should attend:

Civil and Geotechnical Engineering
Community

The session will begin at 9:00am Eastern (New York Eastern Time) and is one-hour long. Sessions may last longer depending on the number of questions from participants. Questions should be submitted during the webinar in written form (use chat-box or email) and will either be discussed during the seminar or in personal communication depending on the general interest of the question.

Lecturer: Seth Robertson joined GRL Engineers, Inc. in 2017 after finalizing his Doctoral studies in Geotechnical Engineering at the University of Massachusetts Lowell. Seth has over 5 years of experience in consulting, field testing, and innovative research projects in geotechnical engineering. Seth's experience has included the design and implementation of drop weight dynamic load tests (i.e. APPLE) on drilled deep foundations, involving the testing system design, and pre-testing simulations and post-test interpretation of the dynamic measurements. His doctoral research utilized multi-dimensional finite-element based solutions to assess the validity of the conventional numerical methods in modelling stress-wave propagation when applied to signal matching dynamic analyses on complex, non-uniform deep foundations.

Learning Objectives:

At the conclusion of the webinar attendees will be able to:

- Describe the APPLE test procedure
- Determine the size of the testing system (i.e. ram weight and optional transducer) based on the required mobilized resistance
- Review APPLE testing data using the PDA-DLT
- Recognize the benefits of APPLE testing for various types of deep foundation elements



WEBINAR: APPLE High Strain Dynamic Testing of Deep Foundations Registration Form

(Please email form to Registration@pile.com)

1 session of at least 1 hour on Tuesday, January 29th, 2019 at 9:00 AM New York Eastern Time

Registration must be received on or before January 29th, 2019

This is a complimentary webinar: registration is mandatory

PLEASE PRINT

Organization: _____

Address: _____

City: _____ State/Province: _____

Postal Code: _____ Country: _____

Phone: _____ Fax: _____

Email: (who will be receiving the webinar log in instructions) _____

1. _____ 4. _____

2. _____ 5. _____

3. _____ 6. _____

**There is no Certificate of Participation that will be offered due to this being a Promotional webinar*