

## Educational Learning Opportunities

Date:

Understanding  
Dynamic Testing  
Results

October 28, 2021

Time:

11:00am EST, USA  
(2 hour duration)

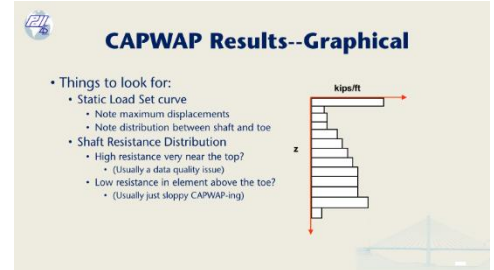
# Basics of High Strain Dynamic Testing and Understanding Results Webinar

Date: October 28, 2021

## Learning Objectives:

Dynamic Testing is regularly specified through numerous codes and employed as a regular test method throughout the world. Many persons paying for dynamic testing may have little experience with dynamic testing and little understanding of dynamic test results. This webinar is intended for that audience. At the conclusion of this webinar attendees will be able to:

- Understand concepts of dynamic testing including capacity calculation with the Case method and CAPWAP.
- Understand the capabilities to dynamic testing to monitor stresses, integrity and hammer performance.
- Understand what is required by ASTM D4945 for a dynamic test.
- Know the abilities and limitations of dynamic testing.
- Assess dynamic test reports and be critical of results to determine if results are reasonable and identify potential 'red flags' that may indicate potential poor analysis methods.



## Who should attend:

This lecture is intended for Geotechnical, structural and construction engineers who specify and/or pay for dynamic testing. Contractors, researchers and students may also find this of value as an introduction to high strain dynamic testing. A portion of the workshop is devoted to the theory of stress waves in piles and the basic concept of CAPWAP.

## Lecturer: Ryan Allin, P.E.

Ryan is a senior engineer and partner in GRL Engineers and Pile Dynamics. He is responsible for all PDI's educational programs for foundation testing professionals. In that capacity he has lectured on numerous seminars, webinars and workshops on foundation testing and has co-authored papers on the subject. Ryan is a member of the American Society of Civil Engineers and a registered professional engineer in Ohio, Pennsylvania, West Virginia, Delaware and Kentucky.



**Registration Form**  
Please email form to [registration@pile.com](mailto:registration@pile.com)

## Webinar Basics of High Strain Dynamic Testing and Understanding Results Registration Form

1 session of at least 2 hours long on October 28, 2021 beginning at 11:00 am New York EDT

### **Registration must be received on or before October 27, 2021**

One registration is necessary for each "site", which requires internet access of one computer plus a telephone connection. The registered site will be furnished with a username and password plus conference call information. Site fee includes an unlimited number of participants and up to four Certificates of Completion. Additional certificates are \$10 each. A pdf version of the presentations will be sent to the registered sites prior to the event.

### **Billing Address – (Please print or type)**

Organization: \_\_\_\_\_  
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### **Shipping Address – (For certificate of completion)**

Check if same as Billing Address

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### **Pre-Payment by credit card is required.**

Number of Additional Certificates at \$10 Each \_\_\_\_ Total \$\_\_\_\_\_ (4 certificates included in fee)

We are registering for:

One Day Webinar Session ..... \$150.00

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

- 1. \_\_\_\_\_ 4. \_\_\_\_\_
- 2. \_\_\_\_\_ 5. \_\_\_\_\_
- 3. \_\_\_\_\_ 6. \_\_\_\_\_

**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.