



Symposium on High Strain Dynamic Testing: Basic Principles, Data Analysis, and Effective Application

Wednesday, April 17, 2024

Crystal Gateway Marriott
1700 Richmond Hwy
Arlington, VA 22202

STATIC LOAD TEST — CAPWAP

Crystal Gateway Marriott is only one mile from Reagan National Airport (DCA), two miles to Washington, DC and directly connected to the Crystal City Metro Station.

Pile Dynamics, Inc., in cooperation with GRL Engineers, is offering a one-day symposium on High Strain Dynamic Testing. This symposium is intended for foundation engineering professionals that are interested in understanding the basic principles, appropriate use and interpretations of dynamic testing.

A light breakfast, lunch and instruction materials will be provided. Registration is \$100 per person, and first come, first served. Government and multiple registration discounts apply.

Symposium Agenda

Session I: Development of Dynamic Testing and Correlations to Static Load Tests

- Early research and measurements
- Correlations with static load tests
- Maintaining and tools for recognizing quality of testing

Session II: Use of Dynamic Load Testing on Drilled Foundations

- Early uses of dynamic testing on drilled foundations
- Expanded interpretations for testing drilled foundations
- Use of embedded measurements to refine capacity prediction

Session III: Critical Considerations & Interpretations

- Interpretation of dynamic testing and static load testing
- Failure path during testing
- Creep effects
- Rate effects

Session IV: Future Applications and Development

- Capacity estimation for large diameter open end pipe piles
- Capacity estimation from vibratory driving

Q&A Panel Discussion

This symposium offers 6.5 PDHs and is tailored to designers, specifiers, owners, structural engineers, geotechnical engineers, risk managers, or anyone involved in deep foundation projects that would like a better understanding of the proper use and interpretations of high strain dynamic testing methods.

Onsite Parking Available: \$45/day or Valet: \$51/day

REGISTER TODAY!