Bay Area Force-Pulse Seminar

January 17, 2012 • Oakley, CA

In Cooperation With:

The Testing and Evaluation Committee presents the Bay Area Force-Pulse Seminar at the Foundation Constructors, Inc. Yard on January 17th, 2012. Presentations will be an explanation of new rapid load testing Standard ASTM D7383 providing another option for load testing of piles. This one-day seminar will include coffee breaks, lunch and demonstrations.

Venue

Foundation Constructors, Inc. Yard
81 Big Break Road • Oakley, CA 94561 • 925-754-6633

Registration Fees

Cooperating Organization: $250 • Non-Member: $295 • Member: $200 • Government Employee: $100 • Student: $25

Seminar Details

Presentation Description*	Speaker
Introduction: **Overview of the ASTM Standards Development Process**	Bernard H. Hertlein *AECOM USA INC.*
The benefits of the Fundex "Rapid Load Tester" for providing project quality control: This presentation explains the procedure used by the Rapid Load Tester (RLT) for verifying pile capacity and pile integrity. At the Bay Street project in Emeryville, California the RLT saved over $500,000 in pile length reduction.	Richard D. Short, P.E., G.E. *Consulting Geotechnical Engineer*
Rapid Load Testing of Piles and its Evaluation: The Rapid Pile Load Tests (RLT) can be done much more economically and faster than the conventional tests. RLT were performed at 3 sites in the Bay Area: Emeryville Town Center, Richmond Bart Station, and Mission Bay Housing in San Francisco. The different methods of data evaluation were compared. Conclusions are made from these test sites regarding the factors influencing results of RLT.	Yogesh Prasher, P.E., G.E. *M2 Consulting*
The Evolution of Statnamic Testing Methods and Analysis - 1988 to 2011: This presentation will describe the evolution of Statnamic equipment, testing techniques, and applications. It will also detail the development of Statnamic analysis methods and associated research.	Michael Justason, M.Eng., P.Eng. *Bermingham Foundation Solutions*
Statnamic Load Testing of High Capacity Piles: The presentation focuses on case studies where STATNAMIC load testing was used in conjunction with static load testing on high capacity strain instrumented cylindircal driven piles.	Michael K. Muchard, P.E. *Applied Foundation Testing Inc.*
Lateral Statnamic Load Testing of Large Diameter Drilled Shafts and Piers: The load pulse provided by the Statnamic device, is uniquely suited to simulate ship impact, wind loads, and extreme event lateral load cases. Data analysis methods also allow calculation of the static component of pile behavior and have shown an excellent correlation with conventional lateral static test results. The presentation will focus on the field testing and data analysis of lateral Statnamic load testing on large diameter drilled shafts and piers.	Don Robertson, P.E. *Applied Foundation Testing*
Demonstration 1: **Fundex Rapid Load Tester**	Foundation Constructors, Inc.
Demonstration 2: **Statnamic** (by prerecorded video)	Applied Foundation Testing Inc.

**Program subject to change*

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In Cooperation With:

PDCA Pile Driving Contractors Association

geoengineer http://www.geoengineer.org

REGISTRATION FORM

To attend the Bay Area Force-Pulse Seminar to be held in Oakley, CA on January 17, 2012:

Name:

Company:

Address:

Zip Code:

Tel No:

E-mail:

Fee:

Payment method:

Invoice: ☐ Yes ☐ No ☐ Check or Money Order Enclosed

Credit/Debit Card: ☐ Yes ☐ No

Card type: ☐ Mastercard ☐ Visa ☐ Amex ☐ Discover ☐ Diners Club

Card No:

Expiration date:

Would you like information about DFI? ☐ Yes ☐ No

Send completed form to:

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