

DEEP FOUNDATIONS INSTITUTE



10th International Conference on
Piling and Deep Foundations



Conference Proceedings

31st May - 2nd June 2006, Amsterdam



The DFI and EFFC 11th International Conference in the DFI series:

GEOTECHNICAL CHALLENGES IN URBAN REGENERATION



Conference Proceedings

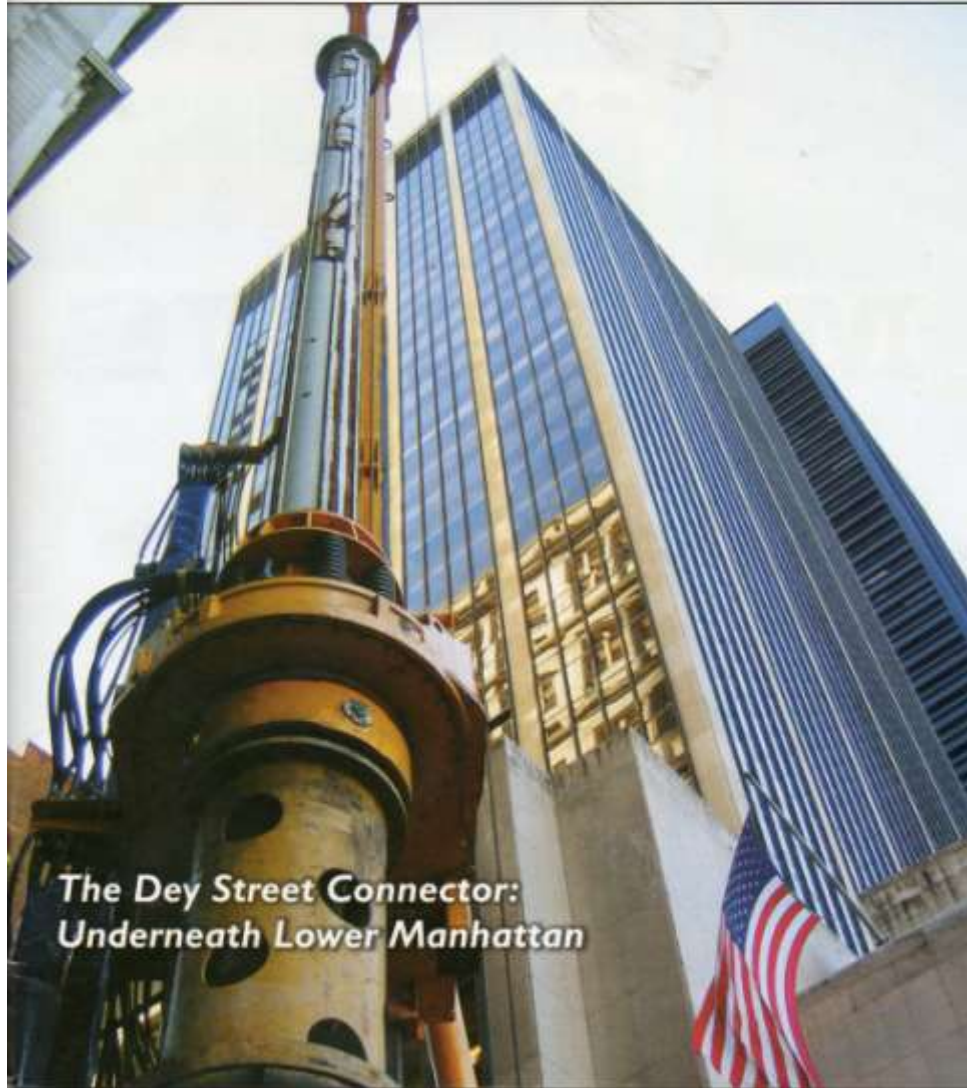
26th - 28th May 2010, ExCel London, UK



DEEP FOUNDATIONS

Winter 2010

The Magazine of the Deep Foundations Institute



*The Dey Street Connector:
Underneath Lower Manhattan*



Who is DFI?

- An international network of heavy construction professionals dedicated to quality and economy in foundation design and construction
- A forum open to all construction professionals
- A technological association devoted to gathering, storing and disseminating practical information
- An alliance of professions and trades
- A resource for identifying and locating the specialists
- An initiator and participant in research

For over thirty years, DFI has gathered professionals in the deep foundations sector of the construction industry, to create a place for discussion, inquiry and debate. In so doing, DFI has brought the disciplines together where they have learned from each other, creating a better informed, more communicative foundations industry.



Description of the Organization

Deep Foundations Institute was incorporated in 1976 in the State of New Jersey as a 501(c)(6) non-profit association. DFI can best be described as being a technical association of firms and individuals in the deep foundations and related industry. The Institute membership is worldwide.

Our key strengths are:

- Offering networking opportunities for our members
- Communication of information concerning the state-of-the-art and new technologies
- Offering opportunities for members to influence the industry through publications produced by volunteer committees
- Offering educational conferences, seminars and workshops in the industry.

Mission Statement



The Institute is organized to serve as a primary means through which members of the Institute may participate in improvement of the planning, design and construction aspects of deep foundations and deep excavations. The basic mission of the institute includes but is not limited to the following:

1. To affiliate contractors, engineers, owners, material suppliers, equipment manufacturers and other persons concerned with the planning, design and construction of deep foundations and protection of deep excavations.
2. To improve and extend knowledge of new ideas and practices of geotechnical design, construction and installation.
3. To encourage and participate in the practical application of research related to deep foundations and deep excavations.

Mission Statement



4. To gather, catalog and disseminate information to effect the most economical design and construction for support of structures on deep strata and for protection of deep excavations.
5. To improve understanding by the public and by government bodies of the deep foundation industry.
6. To establish contacts with other groups working on related goals in the United States and abroad.
7. To participate in or conduct such other activities as will best promote these foregoing purposes.

DFI Executive Director



Theresa Rappaport was appointed to the position of Executive Director effective July 1, 2006. She served as Assistant Director and Operations Manager of the Deep Foundations Institute since 1998. Prior to her work with the DFI, Theresa worked as Administrative Assistant for the National Timber Piling Council and Marketing Analyst for C.M. Almy & Son Inc.



New DFI Publication

- **Augered Cast-In-Place Piles Inspector's Guide, Second Edition, 2010.** DFI Augered Cast-In-Place Pile Committee (2006-2010), Chris D. Shewmaker, Past Chair and Editor.
- **Soil Nailing Guide Specification, First Edition, 2010.** DFI Tiebacks & Soil Nailing Committee (2006-2010), Jonathan K. Bennett, PE, D.GE, Past Chair and Editor.
- **Proceedings of the 34th Annual Conference on Deep Foundations, 2009, Kansas City, MO, USA.** 2009 Conference Organizing Committee, Alan Roach, Conference Chair; Mark M. Petersen, P.E., G.E., Program Chair.
- **Deep Marine Foundations - A Perspective on the Design and Construction of Deep Marine Foundations.** Marine Foundations Committee 2002-2008, Robert B. Bittner, Committee Chair and Editor; Roderic A. Ellman Jr., Editor.



DFI Events

DFI Events	
Ongoing	OSHA Online Safety Training
July 12, 2010 Pittsburgh, PA	DFI Educational Trust 5 th Annual Golf Outing
July 12, 2010 Minneapolis, MN	Drilled Shafts Specialty Seminar
July 22, 2010 Sacramento, CA	Technical Lectures: Use of Slurry Walls for Cutoffs
September 17, 2010 Berlin, CT	DFI/CSCE 13 th Annual Geotechnical Seminar
October 12-15, 2010 Hollywood, California	35th Annual Conference on Deep Foundations

DFI Events



DFI Events	
October 12, 2010 Hollywood, CA	Ground Improvement Technology and Applications
October 12, 2010 Hollywood, CA	Practical Deep Foundation Design and Construction for Seismic and Lateral Loads Short Course
October 12, 2010 Hollywood, CA	Sustainability Seminar: Save Money and Save the Planet
October 25, 2010 Pleasanton, CA	DFI Educational Trust & ACE Mentor Program Golf Outing
November 9, 2010 New York, NY	DFI Educational Trust 5th Annual Gala Fundraising Dinner
February 15-18, 2012 New Orleans, LA	4th International Conference on Grouting and Deep Mixing

Technical Committees



- **Augered Cast-In-Place Pile;**
- **Codes and Standards;**
- **Deep Foundations for Landslides/Slope Stabilization;**
- **Drilled Shaft;**
- **Driven Piles**
- **Ground Improvement;**
- **Helical Foundations & Tiebacks;**
- **Marine Foundations;**
- **Micropile;**
- **Seismic & Lateral Loads;**
- **Slurry Wall;**
- **Soil Mixing;**
- **Sustainability;**
- **Testing and Evaluation;**
- **Tiebacks & Soil Nailing.**



2012

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