



The Deep Foundations Institute Slurry Wall Committee



Presents

# Slurry Wall Seminar: Diaphragm Wall in Urban Environment

July 26, 2012  
Hyatt Regency Dearborn

Dearborn, Michigan

A one day event featuring lectures by industry experts that will include presentations on the design, construction and maintenance of diaphragm walls for top-down, cut-and-cover, access shafts and deep basement projects in an urban environment. New and recent techniques will be highlighted.

**Benefitting:**

Dam Owners, Dam Managers,  
Design Engineers, Geotechnical  
Engineers, Structural Engineers,  
Geotechnical Contractors,  
Foundation Contractors, Project  
Managers, Material/Equipment  
Suppliers, Professors and  
Foundation Specialists.

In Cooperation With:



**ASFE** THE GEOPROFESSIONAL  
BUSINESS ASSOCIATION

Exhibit Space Available  
Register at [www.dfi.org](http://www.dfi.org)

# Seminar Details

## Venue and Accommodations

### Hyatt Regency Dearborn

600 Town Center Drive  
Dearborn, Michigan 48126  
USA

Toll Free:  
1-888-421-1442

Web:  
[https://resweb.passkey.com/Resweb.do?mode=welcome\\_gi\\_new&groupID=9611326](https://resweb.passkey.com/Resweb.do?mode=welcome_gi_new&groupID=9611326)

Conference rate is \$120.00 plus taxes.

Specify "DFI" for this rate.

*\*Please make reservations early. Space and rate are subject to availability with a cut-off date of July 6, 2012.*

### Parking

Self-parking throughout hotel property is complimentary.

Valet Parking is available at the main lobby entrance with a fee of \$7/day and \$15/overnight.

### Airport Transportation

Shuttle from Detroit area airports: \$32

Web: <http://www.detroitshuttleservice.com/>

### Travel Arrangements

Blue Ribbon Travel is DFI's official travel coordinator. Call or email Lorraine Engelman for assistance: 718-767-5455 / [Lorraine@travelblueribbon.com](mailto:Lorraine@travelblueribbon.com)

### Exhibitor Information

Includes one attendee registration fee, a 6' table, two straight back chairs, one waste basket, general lighting and wireless internet access. Space is limited to 5 booths.

- Electricity needs to be ordered separately at \$75 per 120 volt outlet. Contact [staff@dfi.org](mailto:staff@dfi.org) for an electricity order form. Return form to our hotel contact: Dianne Liberty [dianne.liberty@hyatt.com](mailto:dianne.liberty@hyatt.com). Please contact her for any additional information.
- All persons tending exhibits, for all or a portion of the seminar, must be registered as full seminar attendees.
- Exhibitor set-up: Thursday, July 26, 6:30 - 7:30 AM
- Exhibitor tear-down: 3:30 - 5:30 PM

### Labels should be marked as follows:

Hold for arrival - Attn.: Guest's Name, Organization Name  
Complete return address  
Hyatt's Convention Services  
600 Town Center Drive, Dearborn, MI 48126 USA  
[Number of boxes]



## Sponsorship Opportunities

### Flash Drive Sponsorship: \$1,500

*One opportunity available*

Sponsor the Flash Drive of Presentation Handouts and have your company logo seen by every attendee. This sponsorship keeps your brand in the hands of the attendees after the event when they take the flash drive and your logo home for further use. Deadline is June 14, 2012, logo\* must be submitted at that time.

### Room Keys \$1,000

*One opportunity available*

Sponsor the room keys given out to guests at the seminar. This unique sponsorship opportunity puts your company logo in the hand of every attendee staying at the hotel. Each time they go to their room they see your logo. Deadline is June 14, 2012, logo\* must be submitted at that time.

### Sponsor a Student: \$50

When you sponsor a student you allow a qualified young person to attend the seminar to gain useful knowledge. You will be recognized during the seminar and in the DFI magazine. Deadline is June 14, 2012.

### General Sponsor \$500

As a general sponsor for the event you provide DFI with a PowerPoint slide which will run during breaks in the session room for all attendees to see. Additional slides can be purchased at \$150/slide. Sponsors will see their logo\* on seminar related e-mails with a link to your company website. Deadline for general event sponsorship is: June 14, 2012.

### Additional Slides \$150

If you want the maximum amount of exposure in the session room purchase additional slides with your general sponsorship. There is no limit to the amount of slides to be purchased.

*\*Sponsors' logos will be included in marketing material whenever possible (will depend if sponsorship is confirmed and logo available at time of marketing material release).*

*\*Your logo needs to be an original file at the original size (at least 2" wide and 150KB or less). Please do not copy logos or images from websites. These are low resolution and not suitable for print. Original files include: AI, PSD, EPS, TIF, High resolution (bit-mapped image/photo) 300 dpi or higher DF or JPG. \*With AI (Illustrator) and PSD all type must be converted to curves, graphics or outlines. Logos should be sent to Erin Groenewal at [egroenewal@dfi.org](mailto:egroenewal@dfi.org)*

### Henry Ford Museum Dearborn, MI



# Seminar Program\*

**Day Before Event: Wednesday, July 25, 2012**  
**Committee Meeting followed by DFI Dinner**

**6:30 – 7:30 am**      **Exhibitor Set-Up**

**7:00 – 7:30 am**      **Speaker Preparation**

**7:30 – 8:00 am**      **Breakfast and Registration**

**8:00 – 8:10 am**      **Introduction**  
*Nicolas Willig, Committee Chair,*  
*Case Foundation Company*

**8:10 – 9:00 am**      **Testimonio Building B1, Monaco**  
*Thomas Joussellin,*  
*Nicholson Construction Company*

An innovative geotechnical solution was required to overcome the numerous construction challenges for Monaco's Testimonio Building, which included a steep site surrounded by active utilities, roadways and minimal right of way for anchors.

**9:00 – 9:50 am**      **2nd Avenue Subway Project Diaphragm Walls for the Station/TBM Launch Box Between 93rd and 95th Streets, New York City**  
*Lawrence Piccagli,*  
*Bencor Corporation of America*

Manhattan's Second Avenue traffic, difficult soil conditions, historic buildings – a perfect recipe for diaphragm walls in the biggest urban environment.

**9:50 – 10:20 am**      **Coffee Break and Exhibits**

**10:20 – 11:10 am**      **Diaphragm Walls in Boston's Urban Environment**  
*Jeffrey Taylor and Greg Sanchez,*  
*TREVIICOS Corporation*

This presentation will highlight diaphragm wall construction on sites in Boston with limited access; Dana-Farber Yawkey Center in the Longwood Medical Area and Hasty Pudding Theatre Renovation at Harvard University.

**11:10 – 12:00 pm**      **Diaphragm Wall Construction Techniques at Turin's new 'Central Backbone' (Spina Centrale)**  
*Jean Wehbe, Bauer Pileco, Inc.*

This presentation will emphasize several Diaphragm Wall construction techniques and equipment systems supplied by BAUER Maschinen GmbH, with reference to some of the challenges on the jobsite.

**12:00 – 1:00 pm**      **Lunch Break and Exhibits**

**1:00 – 1:50 pm**      **Design and Construction of 97' Deep Basement Using Top Down Method, Marriott Marquis Convention Center Hotel, Washington, DC**  
*Roderic A. Ellman, P.E.,*  
*Mueser Rutledge Consulting Engineers*

A 124-ft-deep slurry wall and top-down method are utilized to construct a 96-ft-deep, 7-level basement adjacent to two sensitive structures, eliminating bracing difficulties, limiting movements, and accelerating construction schedule.

**1:50 – 2:40 pm**      **Design and Performance of Buttress Walls at the Vehicular Security Center, World Trade Center, NYC**  
*Sitotaw Fantaye, P.E.,*  
*Mueser Rutledge Consulting Engineers*

Sections of slurry wall for a 60-ft-deep excavation adjacent to a 20-story historic building were constructed with innovative buttress walls because tieback anchors under the building weren't allowed.

**2:40 – 3:10 pm**      **Coffee Break and Exhibits**

**3:10 – 4:00 pm**      **Hong Kong Urban Excavation Monitoring**  
*Boris Caro Vargas, SOLDATA*

Hong Kong is one of the densest populated areas in the world. To manage the risk associated with excavation in such context, slurry wall has been widely used and extensively monitored.

**4:00 – 4:50 pm**      **Reinforcing Details for Seismic Applications in Slurry Walls**  
*Charles B. Grant, P.E., S.E., GEI Consultants, Inc.*

An overview of the ongoing development of construction and reinforcement detailing guidelines for diaphragm walls used as permanent basement walls in seismically active regions.

**4:50 – 5:20 pm**      **Speakers' Panel**

**5:20 – 5:30 pm**      **Closing**

**3:30 – 5:30 pm**      **Exhibitor Breakdown**

**Professional Development Hours:** Attendees will receive a certificate verifying Professional Development Hours (PDH)\*

\*New York State approval pending | \*Florida State provider #4072

*\*Program and speakers are subject to change.*

