



2013 Seminar  
WD Partners  
7007 Discovery Blvd  
Dublin, Ohio 43017  
(Map enclosed)

Thursday, March 28, 2013  
8:00 AM to 5:00 PM



***Design and Construction of Steel Sheet Piling Structures***  
**Earn 7.0 Professional Development Hours (PDH)!**

**DESIGN AND CONSTRUCTION  
OF STEEL SHEET PILING  
STRUCTURES SEMINAR**

**Richard Hartman, Ph.D., P.E.**  
Hartman Engineering

The Design and Construction of Steel Sheet Piling Structures Seminar is a one day class covering topics ranging from design concepts, to practical field problems, through recent product advancements in the design and manufacturing of steel sheet piling.

**Who should attend? Engineering consultants, project managers, construction managers, and others interested in learning more about recent advancement in the design, layout and construction of steel sheet piling Structures.**

**Speaker**

**Richard Hartman, Ph.D., P.E.**, is a leading international expert in the design and construction of steel sheet pile structures. Dr. Hartman is licensed as a professional engineer in 38 states and has over 40 years of experience in the subject. For the past 15 years he has been involved in the research and design of new sheet pile sections and, based on that research, holds four patents for sheet piling sections.



Seminar Includes: Course Reference Materials, Certificate for 7 Professional Development Hours (Seminar is IACET certified for 0.7 Continuing Education Units), Breakfast, Lunch and Two Breaks.

Format: One Day Seminar, Business Casual Attire

After registering please contact Richard Morales (678-714-6730 x103 or [RMorales@LBFoster.com](mailto:RMorales@LBFoster.com) with any questions about Steel Sheet Piling you want answered or discussed and we will attempt to work them into the seminar.



## Registration

One registrant per form. Please duplicate this form for additional registrants.

ASCE Members: \$ 200.00  
Non-Members: \$ 250.00  
Students: \$ 50.00  
Registration after March 2, 2013: \$ 300.00

Fee includes morning breakfast, lunch, break refreshments, and parking.

The method of payment is online at [www.centralohioasce.com/](http://www.centralohioasce.com/) by March 22, 2013. Any Checks should be made payable to *Central Ohio ASCE*.

Please register and pay [online](#) with a credit card. **Registration is due by 4 PM on Friday, March 22, 2013.** Registration fees may still be required for no-shows and registrants canceling after March 22, 2013.

Make checks payable to: *Central Ohio ASCE*

Carlos Vazquez, WD Partners, Inc.  
7007 Discovery Blvd, Dublin, OH 43017  
Telephone: (614)634-7132  
[Carlos.Vazquez@WDPartners.com](mailto:Carlos.Vazquez@WDPartners.com)

Name \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_

e-mail \_\_\_\_\_

**Choice of lunch will be beef, chicken or vegetarian. Please specify preference or any special dietary needs.**

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## Schedule

- 8:00 - 8:30 Registration/Breakfast
- 9:00 - 9:30 Design parameters, layout, and construction considerations for cellular cofferdams
- 9:30 - 10:00 Design and construction considerations for bulkheads, open cell designs and combination walls
- 10:00 - 10:15 Break
- 10:15 - 12:00 Design and construction considerations for cofferdams and trenches.
- 12:00 - 1:00 Lunch Break
- 1:00 - 1:45 Examples of failures, discussions of the causes, and suggestions to prevent them.
- 1:45 - 3:30 Properties of steel sheet piling, changes in steel pile manufacturing
- 3:30 - 3:45 Break
- 3:45 - 5:00 Discussion on concerns regarding performance, transverse loads, stresses in sheet piling, and redesign of sheet piling sections. Questions, answers and conclusions

## Directions and Map

### DIRECTIONS TO THE EVENT:

**WD Partners, Inc.**  
7007 Discovery Blvd.  
Dublin, Ohio 43017  
Phone: (614) 634-7100

#### **From the North:**

Take I-71 South to I-270 W toward Dayton. Take exit 17B to merge onto OH-161 W toward Marysville. Take the exit toward Avery Muirfield Dr./Dublin. Turn right onto Avery-Muirfield Dr./Dublin. Turn right onto Perimeter Dr. (Not Perimeter Loop). Turn left onto Discovery Blvd.

#### **From the South:**

Take I-71 North toward Columbus. Take exit 101 to merge onto I-270 W toward Dayton. Take exit 17B to merge onto OH-161 W. Take the exit toward Avery-Muirfield Dr./Dublin. Turn right onto Avery-Muirfield Dr. Turn right onto Perimeter Dr. (Not Perimeter Loop). Turn left onto Discovery Blvd.

