

ASCE ILLINOIS SECTION  
STRUCTURAL ENGINEERING INSTITUTE  
PROUDLY PRESENTS:



STRUCTURAL  
ENGINEERING  
INSTITUTE  
Illinois Chapter

**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.

The seminar will be presented by Richard Hartman, Ph.D., P.E., 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 20 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 Content**

- Design parameters, layout, and construction considerations for cellular structures
- Design and construction considerations for bulkheads, open cell designs and combination walls
- Design and construction considerations for cofferdams and trenches.
- Examples of failures, Discussions of the causes, and Suggestions to prevent them
- Properties of steel sheet piling, changes in steel pile manufacturing, concerns regarding performance, transverse loads, stresses in sheet piling, and redesign of sheet piling sections
- Questions, answers and conclusions

Date: **May 10, 2018**

Time: 8:00 a.m. to 5:00 p.m.

Place:

**Alfred Benesch & Company**  
**35 West Wacker Drive,**  
**Suite 3300**  
**Chicago, IL 60601**

Format: One Day Seminar, Business Casual Attire

Registration: Please MAIL Checks In Advance C/O—

**Attn: Justin Pattison**  
**ASCE SEI-IL**  
**17664 Brook Hill Dr.,**  
**Orland Park, IL 60467**

Includes: Course Reference Materials, Certificate for 7 Professional Development Hours (0.7 Continuing Education Units), Lunch and Two Breaks

Cost: \$200 before May 1, 2018  
\$300 after May 1, 2018  
\$ 50 for Student Members

RSVP: May 1, 2018 Early Bird Registration Ends  
May 4, 2018 Final Deadline Registration

Contact: Richard Morales **404.275.6430**  
Email: [RMorales@LBFoster.com](mailto:RMorales@LBFoster.com)