



# The Joint Committee for Education and Training & Maine Section of ASCE PROUDLY PRESENTS:

## 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 cofferdams.
- Design and construction considerations for bulkheads, open cell designs and combination walls.
- Design and construction considerations for cofferdams and trenches.
- Review of instability of the soil/rock in the bottom of an excavation for steel sheet piling structures.
- 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: **Thursday, Oct 19, 2017**

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

Place: **Woodward & Curran**  
41 Hutchins Drive  
Portland, ME 04102  
Tel: (207) 558-3763

Register: **Richard Morales** (678) 926-5209  
Email: [RMorales@LBFoster.com](mailto:RMorales@LBFoster.com)  
**Lauren Swett** (207) 219-3591  
Email: [LSwett@woodardcurran.com](mailto:LSwett@woodardcurran.com)

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

Cost: \$200 before Oct 6, 2017  
\$300 after Oct 6, 2017  
\$ 50 for Retired & Student Members

RSVP: Open Early Bird Registration  
Oct 16, 2017 Final Deadline to Register  
Registration Available at Door with RSVP

Format: Short Course Track, Business Casual Attire

Mail Checks to: **ASCE Maine**  
1179 North Perley Brook Rd  
Fort Kent, ME 04743