

# EXPECTED IMPLEMENTATION JANUARY 2015

## 455 STRUCTURES FOUNDATIONS. (REV 3-25-14) (FA 4-9-14) (1-15)

SUBARTICLE 455-5.2.3 is deleted and the following substituted:

**455-5.2.3 Hydraulic:** Variable energy hydraulic hammers shall have at least three hydraulic control settings that provide for predictable energy or equivalent ram stroke. The shortest stroke shall be a maximum of 2 feet for the driving of concrete piles. The remaining strokes shall include full stroke and approximately halfway between minimum and maximum stroke.

Supply hammer instrumentation with electronic read out, and control unit that allows the operator to read and adjust the hammer energy or equivalent ram stroke. When pressure measuring equipment is required to determine hammer energy, calibrate the pressure measuring equipment before use.