

4550513 STRUCTURES FOUNDATIONS  
COMMENTS FROM INDUSTRY REVIEW

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Comments:

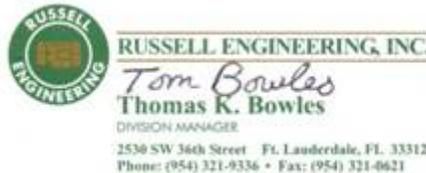
In 455-17.2, start with the patching time of the first concrete placement truck and end with the final replacement of the required column steel, bolts, weldments, etc.

**455-17.2 Placement Time Requirements:** The elapsed time for placing drilled shaft concrete includes ~~the concrete mixing and transit time, the concrete placement time, and the time required to remove any temporary casing that causes or could cause the concrete to flow into the space previously occupied by the casing, and the time to insert any required column steel, bolts, weldments, etc.~~

Response:

The comment restates the proposed placement time requirements. No response needed.

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Comments:

**From:** Tom Bowles [mailto:tom.b@russellengineering.com]  
**Sent:** Thursday, July 17, 2008 2:58 PM  
**To:** Powell, Jr., Rudy  
**Subject:** Section 455; 4550513 Structures Foundations

Amazing, yet another attempt to make Pile Driving in Florida an even greater LOSER for the Contractor. The Spec is already so skewed to the Dept. that no Pile Driving Subcontractors continue to operate in this State. Not only does this proposed change create confusion and conflict with other Clauses (see 455\_5.12.1), it is clearly misleading with regard to Payment. Upon examination, there is no compensation for set checks or re-drives of TEST PILES. Paying for all pile associated work as some arbitrary number of feet at the Unit Price creates an impossible situation on Bid Night. This practice is subject to abuse by a shrewd Owner/Designer. It is UNFAIR.

Thank You,

Tom Bowlesaying for all pile associated work as swith other Clauses, it is clearly misleading with regard to Payment. Upon examination, t

**Response:**

The PDCA website lists contact information for 26 pile driving contractors operating in Florida, seven of which are based in Florida. There is not a proposed change to 455-5.12.1. Compensation for test pile set checks is covered in 455-11.2.9, and redrives are covered in 455-11.10; neither are changed by this proposed revision.

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**Comments:**

Comments from Anthony Walsh / Daytona Construction 386-943-5762:

Section 455-11.5, Dynamic Load Tests Paragraph 1 - It seems redundant to keep the original “actually applied to piles” when the re-write says “using instruments attached to the outside of the pile”. Paragraph 3 – Instead of saying “and up to two set-checks that day”, I suggest saying within 24 hours since we record the start and stop time of driving and because sometimes we drive late in the day, we would not benefit from limiting the two set checks to the same “that day” period.

**Response:**

“Actually applied to piles” is intended to mean “actually performed,” but seems to be unnecessary with the word “completed” so it will be deleted. In paragraph 3, the change is only of consequence on production piles (See 455-12.5), and set-checks longer than 2 hours are not normally needed on instrumented production piles. When, due to one reason or another, the Contractor is unable to drive the pile until 4PM, order the set-check for later that day anyway.

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