



*Florida Department of Transportation*

RICK SCOTT  
GOVERNOR

605 Suwannee Street  
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JIM BOXOLD  
SECRETARY

January 6, 2016

Khoa Nguyen  
Director, Office of Technical Services  
Federal Highway Administration  
3500 Financial Plaza, Suite 400  
Tallahassee, Florida 32312

Re: State Specifications Office  
Section **455**  
Proposed Specification: **4551105 Structures Foundations.**

Dear Mr. Nguyen:

We are submitting, for your approval, two copies of the above referenced Supplemental Specification.

The changes are proposed by Juan Castellanos of the State Construction Office to clarify what is required from the Contractor to assist in the performing of dynamic load testing and that actual performance of Dynamic load Testing on piles is performed by the Engineer.

Please review and transmit your comments, if any, within two weeks. Comments should be sent via email to [daniel.scheer@dot.state.fl.us](mailto:daniel.scheer@dot.state.fl.us).

If you have any questions relating to this specification change, please call me at 414-4130.

Sincerely,

Signature on file

Daniel Scheer, P.E.  
State Specifications Engineer

DS/ot

Attachment

cc: Florida Transportation Builders' Assoc.  
State Construction Engineer

## STRUCTURES FOUNDATIONS.

(REV ~~12-291-6-1516~~)

SUBARTICLE 455-11.5 is deleted and the following substituted:

**455-11.5 Dynamic Load Tests:** Payment will be based on the number of dynamic load tests shown in the Plans, authorized by the Engineer, or required in 455-5.11.7, completed and accepted in accordance with the Contract Documents. No separate payment will be made for dynamic load tests used to evaluate the Contractor's driving equipment. This will generally be done on the first test pile or production pile driven on a project with each combination of proposed hammer and pile size and/or a separate pile to evaluate any proposed followers, or piles driven to evaluate proposed changes in the driving system. No payment will be made for dynamic load tests used to evaluate the integrity of a pre-planned epoxy-bonded dowel splice. Include all costs associated with dynamically testing production piles with epoxy-bonded dowel splices under Pay Item No. 455-34. No payment will be made for dynamic load tests on test piles.

For structures with 100% dynamic testing, the cost of *supplying and installing internal gauges or attaching external gauges to each pile for* dynamic load tests ~~on production piles~~ is included in the cost of the pile; no separate payment will be made.

For structures without 100% dynamic testing, ~~payment~~ *the cost of supplying and installing internal gauges or attaching external gauges* ~~for internal gauges or attaching equipment~~ to each production pile for dynamic load testing prior to initial driving, authorized by the Engineer, will be 20 feet of additional pile. No payment will be made for attaching dynamic testing equipment for set-checks or redrives.

SUBARTICLE 455-12.5 is deleted and the following substituted:

### **455-12.5 Dynamic Load Tests:**

**455-12.5.1 Dynamic Load Tests/ Test Piles:** All test piles will require dynamic load tests. Include all costs associated with *assisting the Engineer in performing the* dynamic load tests in the pay items for test piles.

**455-12.5.2 Dynamic Load Tests/ Production Piles:** Payment will be full compensation for all *costs associated with assisting the Engineer in performing the dynamic load tests* ~~labor, equipment, materials, instrumentation and installation required to assist the Engineer in performing this work.~~

**STRUCTURES FOUNDATIONS.**  
**(REV 1-6-16)**

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**455-11.5 Dynamic Load Tests:** Payment will be based on the number of dynamic load tests shown in the Plans, authorized by the Engineer, or required in 455-5.11.7, completed and accepted in accordance with the Contract Documents. No separate payment will be made for dynamic load tests used to evaluate the Contractor's driving equipment. This will generally be done on the first test pile or production pile driven on a project with each combination of proposed hammer and pile size and/or a separate pile to evaluate any proposed followers, or piles driven to evaluate proposed changes in the driving system. No payment will be made for dynamic load tests used to evaluate the integrity of a pre-planned epoxy-bonded dowel splice. Include all costs associated with dynamically testing production piles with epoxy-bonded dowel splices under Pay Item No. 455-34. No payment will be made for dynamic load tests on test piles.

For structures with 100% dynamic testing, the cost of supplying and installing internal gauges or attaching external gauges to each pile for dynamic load tests is included in the cost of the pile; no separate payment will be made.

For structures without 100% dynamic testing, the cost of supplying and installing internal gauges or attaching external gauges to each production pile for dynamic load testing prior to initial driving, authorized by the Engineer, will be 20 feet of additional pile. No payment will be made for attaching dynamic testing equipment for set-checks or redives.

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**455-12.5 Dynamic Load Tests:**

**455-12.5.1 Dynamic Load Tests/ Test Piles:** All test piles will require dynamic load tests. Include all costs associated with assisting the Engineer in performing the dynamic load tests in the pay items for test piles.

**455-12.5.2 Dynamic Load Tests/ Production Piles:** Payment will be full compensation for all costs associated with assisting the Engineer in performing the dynamic load tests.