



Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

ANANTH PRASAD, P.E.
SECRETARY

November 8, 2013

Chad Thompson
Programs Operations Engineer
Federal Highway Administration
545 John Knox Road, Suite 200
Tallahassee, Florida 32303

Re: State Specifications and Estimates Office
Section **455**
Proposed Specification: **4550518DB Structures Foundations.**

Dear Mr. Thompson:

We are submitting, for your approval, two copies of the above referenced Special Provision.

These changes were proposed by Juan Castellanos of the State Structures Office to delete an inspection requirement that is not necessary and is in conflict with CPAM. CPAM already requires and covers this inspection to be performed by the CEI.

Please review and transmit your comments, if any, within two weeks. Comments should be sent via email to SP965DS or 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/dt

Attachment

cc: Florida Transportation Builders' Assoc.
State Construction Engineer

STRUCTURES FOUNDATIONS.
(REV 9-13-13)

SUBARTICLE 455-5.18 is deleted and the following substituted:

455-5.18 Foundation Certification Packages: Submit two copies of a certification of pile foundations to the Engineer prior to Pile Verification Testing. A separate Foundation Certification Package must be submitted for each foundation unit. A foundation unit is defined as all the piles within one bent or pier for a specific bridge for each phase of construction. Each Foundation Certification Package shall contain an original certification letter signed and sealed by the GFDEOR certifying the piles have the required axial capacity including compression and uplift, lateral stability, pile integrity, and settlement will not affect the functionality of the structure. The package shall also include clearly legible copies of all pile driving logs, EDC records, all supplemental dynamic testing *raw* data and analyses for the foundation unit. The certification shall not be contingent on any future testing or approval by Engineer.

~~—————For voided piles, perform a visual inspection of all piles above and below the water line prior to certifying the piles are free from damage. Include underwater video or still photography, which verifies the final integrity of the exposed portion of each pile, from mudline to pile cap in the Foundation Certification Package. The results of dynamic testing will not be sufficient to meet this requirement.~~

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