

ORIGINATION FORM

Date: **9-13-13**

Originator: **Juan Castellanos**

Contact Information: **414-4276**

Specification Title: **Structures Foundations (Design Build)**

Specification Section, Article, or Subarticle Number: **4550518-DB for Design Build projects-
Foundation Certification Packages**

Why does the existing language need to be changed? **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.**

Summary of the changes: **Delete the last paragraph that requires visual inspection of voided piles.**

Are these changes applicable to all Department jobs? **No.**

If not, what are the restrictions? **Design Build only.**

Will these changes result in an increase or decrease in project costs? **N/A**

If yes, what is the estimated change in costs?

With who have you discussed these changes? **Rudy Powell, Larry Jones, Steve Plotkin, Dan Hurtado**

What other offices will be impacted by these changes? **None**

Are changes needed to the PPM, Design Standards, SDG, CPAM or other manual? **No**

Is a Design Bulletin, Construction Memo, or Estimates Bulletin needed? **No**

Contact the State Specifications Office for assistance in completing this form.

Daniel Scheer 850-414-4130 daniel.scheer@dot.state.fl.us

Frances Thomas 850-414-4101 frances.thomas@dot.state.fl.us

Debbie Toole 850-414-4114 deborah.toole@dot.state.fl.us

Andy Harper 850-414-4127 clifton.harper@dot.state.fl.us

Ray Haverty 850-414-4129 ray.haverty@dot.state.fl.us



Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

ANANTH PRASAD, P.E.
SECRETARY

MEMORANDUM

DATE: September 26, 2013
TO: Specification Review Distribution List
FROM: Daniel Scheer, P.E., State Specifications Engineer
SUBJECT: Proposed Specification: **SP4550518DB Structures Foundations.**

In accordance with Specification Development Procedures, we are sending you a copy of a proposed specification change.

This change was 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 share this proposal with others within your responsibility. Review comments are due within four weeks and should be sent to Mail Station 75 or to my attention via e-mail at SP965DS, or daniel.scheer@dot.state.fl.us. Comments received after **October 28, 2013**, may not be considered. Your input is encouraged.

DS/cah
Attachment

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.~~