

SP4550519DB STRUCTUERS FOUNDATIONS (DESIGN BUILD)
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

Cheryl Hudson
(850) 414-5332
Cheryl.Hudson@dot.state.fl.us

Comments: (10-21-19, Internal)

This is picky, but I think they meant Preformed not performed....

Basis of Payment (All Piling).

Contract Price includes all labor, equipment and materials required for furnishing, installing, and certifying completed pile foundations, in place and accepted. No separate payment made for any items of work associated with the construction of piling. No additional payment or adjustments will be made for set-checks, re-drives, dynamic load tests, pile penetrations, splice installations and driving, build-ups, pile extractions, performed hole associated activities.

Response: Change has been made. Thank you.

Ananth Prasad
(850) 942-1404 ext.4
aprasad@ftba.com

Comments: (10-28-19, Internal)

To avoid conflict (if that's possible) should we delete reference to EDC records and just say "all supplemental...."

455-5.19 Foundation Certification Packages: Submit certification packages 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, settlements will not affect the functionality of the structure, and that the inspection of the pile installation was performed under the supervision of the GFDEOR. The package shall also include all pile driving logs, ~~EDC records~~, all supplemental dynamic testing raw data and analyses for the foundation unit, and the signed and sealed evaluation performed to address out of tolerance piles in accordance with 455-5.16.5. The certification shall not be contingent on any future testing or approval by Engineer.

Response: We don't think so. We do not have any issues to that sentence as it is currently. No changes made.

Larry Jones
(850) 414-4305
Larry.Jones@dot.state.fl.us

Comments: (11-20-19, Internal)

My recommended edits to 455-12 & 455-51 are highlighted in the attached.

- ARTICLE 455-12 is deleted and the following substituted:¶
- ~~455-12 Basis of Payment (All Piling)¶~~
 → ~~Contract Price includes all labor, equipment and materials required for furnishing, installing, and certifying completed pile foundations, in place and accepted. No separate payment will be made for any items of work associated with the construction of piling. No additional payment or adjustments will be made for set-checks, re-drives, dynamic load tests, pile instrumentations, splice installations and driving, build-ups, pile extractions, preformed holes or other associated activities.¶~~
- ~~455-51 Foundation Certification Packages¶~~
 → Submit two copies of a letter signed and sealed by the GFDEOR to the Engineer certifying each foundation unit has the required axial capacity, lateral stability and integrity, and settlements will not affect the functionality of the structure, ~~and that the inspection of the shaft auger cast pile installation was performed under the supervision of the GFDEOR.~~ A separate Foundation Certification Package must be submitted for each foundation unit. The foundation unit is defined as a group of piles per wall segment or per full wall. Every ACP must be certified and the certification accepted before continuing with the construction of any structural element over the foundation unit. Each Foundation Certification Package shall include all ACP logs, the Department spreadsheet properly completed for every ACP and the grout

LJ Either delete "(All Piling)" or revise to "(All Driven Piling)" since ACP are also piles.¶

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Response: Changes have been made.

Larry Jones
(850) 414 -4305
Larry.Jones@dot.state.fl.us

Comments: (11-20-19, Internal)

In addition to my previous recommended edits to 455-12 & 455-51 highlighted in the attached, please make sure that deleting multiple measurement & payment articles in SP455DB does not result in the renumbering of 455DB. (Please preserve consistent numbering between SS455 & SP455DB for the sanity of District personnel, CEI personnel and me.)

My additional suggestions highlighted in the attached, replace the text of deleted articles with "Not used."

Response: Even though three articles are being deleted, the remainder articles and sub-articles will keep their original numbering. The Specifications Office decided that the proper way to indicate the deletion of these articles is as presented in the current draft. No changes made.
