

Specification Section SP4550000DB

ORIGINATION

Date: 5-12-2025

Name: Joshua Turley

Email: Joshua.Turley@dot.state.fl.us

COMMENTARY

When anchor bolts are embedded in the top of drilled shafts the rebar cage requires a tighter tolerance to ensure confinement of the anchor bolts.

INDUSTRY COMMENTS AND RESPONSES

(Please note all comments and responses are verbatim as received. The Specifications Office does not alter typos or grammar.)

BLACK = Comment **BLUE** = Specifications Response **GREEN** = Change Made to Specification

Name: Davidge Turley

Date: 5-29-25

COMMENT: Specification 455-5.20 is the title of a section and should be bolded.

RESPONSE:

Agree.

ACTION TAKEN:

Verify Titles are bolded.

Name: Davidge Turley

Date: 5-29-25

COMMENT: The SID for bridge shafts verbiage should be revised to consider non-redundant as the only bridge shaft type to require SID, redundant drilled shafts typically do not consider a large portion of end bearing for bearing needs in design.

RESPONSE:

Comment out of scope of proposed changes.

ACTION TAKEN:

Comments forwarded for future consideration.

Name: Davidge Turley

Date: 5-29-25

COMMENT: Portions of the structural drilled shaft specification relating to the order of operations of pilot holes, performing method shaft installation, length letters, and production shaft tip elevations are not clear on the order they should be completed. This should be revised for clarity.

RESPONSE:

Comment out of scope of proposed changes.

ACTION TAKEN:

Comments forwarded for future consideration.

Name: Davidge Turley

Date: 6-3-25

COMMENT: 455-5.15.2 should require the Engineer to sign and seal the length letters as the Department is obligated to pay for overruns if the pile length exceeds 110% of the RFC plans as per specification 455-11.

RESPONSE:

Comment out of scope of proposed changes.

ACTION TAKEN:

Comments forwarded for future consideration.

Name: Davidge Turley

Date: 6-4-25

COMMENT: Recommend rewording the below to add submittal of the installation log within a timeframe. This is similar to pile logs and drilled shaft logs but timeline is based off of the soil anchor specification. 455-48 Inspection and Records. Monitor and record pile installation utilizing the most recent version of the Department Auger Cast-In-Place Pile Installation Record form and submit on a weekly basis to the engineer.

RESPONSE:

Comment out of scope of proposed changes.

ACTION TAKEN:

Comments forwarded for future consideration.