



Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

ANANTH PRASAD, P.E.
SECRETARY

December 30, 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 **960**
Proposed Specification: **9600201 Post-Tensioning Components.**

Dear Mr. Thompson:

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

These changes were proposed by Charles Boyd of the State Structures Design Office to delete the requirement for 3/8" vent holes through wedge plates. It has been determined this requirement is unnecessary.

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

POST-TENSIONING COMPONENTS.**(REV 11-15-13)**

SUBARTICLE 960-2.1 is deleted and the following substituted:

960-2.1 Anchorage Assembly:

- (a) Construct anchorages from ferrous metal.
- (b) Anchorage shall develop at least 95% of PT steel guaranteed ultimate tensile strength (GUTS) when tested in an unbonded state, without exceeding anticipated anchor set.
- (c) Average concrete bearing stress shall be in compliance with AASHTO LRFD Bridge Design Specifications and "AASHTO LRFD Bridge Construction Specifications."
- (d) Test anchorage with typical local zone reinforcement shown in system drawings.
- (e) Anchorages with grout outlets shall be suitable for inspection from either top or front of anchorage. Anchorage may be fabricated to facilitate both inspection locations or may be two separate anchorages of the same type, each providing singular inspection entry locations.
- (f) Geometry of grout outlets must facilitate access for endoscope inspection directly behind wedge plate using a straight 3/8 inch diameter drill bit. ~~For all PT systems other than 4 strand flat configurations, place vent holes of 3/8 inch minimum diameter through wedge plate to allow for passage of grout and inspection.~~
- (g) Ferrous metal components of an anchorage that are to be embedded in concrete shall be galvanized in accordance with Section 962. Other anchorage assembly components, including wedges, wedge plates, and local zone reinforcement need not be galvanized.
- (h) All anchorages shall have a permanent vented anchorage cap bolted to anchorage.

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