

# ORIGINATION FORM

## Proposed Revisions to the Specifications

(Please provide all information - incomplete forms will be returned)

Date:

Office:

Originator:

Specification Section:

Telephone:

Article/Subarticle:

email:

Associated Section(s) Revisions:

Will the proposed revision require changes to:

Publication	Yes	No	Office Staff Contacted
Standard Plans Index			
Traffic Engineering Manual			
FDOT Design Manual			
Construction Project Administration Manual			
Basis of Estimate/Pay Items			
Structures Design Guidelines			
Approved Product List			
Materials Manual			

Will this revision necessitate any of the following:

Design Bulletin

Construction Bulletin

Estimates Bulletin

Materials Bulletin

Are all references to external publications current?

Yes

No

If not, what references need to be updated? (Please include changes in the redline document.)

Why does the existing language need to be changed?

Summary of the changes:

Are these changes applicable to all Department jobs?

Yes

No

If not, what are the restrictions?

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

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**PRESTRESSED SOIL ANCHORS****(REV 7-7-22)**

SUBARTICLE 451-4.5 is deleted and the following substituted:

**451-4.5 Cement Grout:** Use grout for anchorage consisting of a pumpable mixture of portland cement meeting the requirements of Section 921, sand, water, and admixtures. The Contractor may use admixtures which control bleed, improve flowability, reduce water content, and retard set in the grout subject to the approval of the Engineer. The Contractor may only add expansive admixtures to the grout used for filling sealed encapsulations, trumpets, and anchorage covers. Do not use accelerators. Use admixtures compatible with the prestressing steels and mixed in accordance with the manufacturer's recommendations.

Do not perform strength testing as system performance will be measured by proof-testing each anchor. The Department may require cylinder ~~grout cube~~ testing if the Contractor uses admixtures or irregularities occur in anchor testing. Cast a set of three 4 inches x 8 inches grout cylinders for each LOT in accordance with ASTM C31, except fill the cylinder molds in one layer without rodding. Use grout that attains a minimum ~~cube~~compressive strength of 3,400 psi within seven days, when tested in accordance with ASTM C39.