

## ORIGINATION FORM

**Date:** 8/2/12

**Originator:** Steven Plotkin

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**Specification Title:**

- (1) Class 3 Surface Finish (under Finishing Concrete of the Concrete Structures Section)
- (2) Beams (under Finishing in the Prestressed Concrete Construction Section)
- (3) Slabs and Double-T Beams (under Finishing in the Prestressed Concrete Construction Section)

**Specification Section, Article, or Subarticle Number:**

- (1) 400-15.2.4
- (2) 450-10.5.2
- (3) 450-10.5.4

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

- (1) The existing text is not clear that a form liner is **required** when a Class 3 Surface Finish is specified in the plans.
- (2) The existing text requires a Class 3 Surface Finish which is incorrect.
- (3) The existing text requires a Class 3 Surface Finish which is incorrect.

**Summary of the changes:**

- (1) The revision makes it clear that a Class 3 Surface Finish **requires** the use of a form liner.
- (2) The Class 3 Surface Finish requirement was deleted and a General Surface Finish requirement was added as well as the requirement for use of steel forms.
- (3) The Class 3 Surface Finish requirement was deleted and a General Surface Finish requirement was added as well as the requirement for use of steel forms.

**Are these changes applicable to all Department jobs?** Yes

**Will these changes result in an increase or decrease in project costs?** No

**With who have you discussed these changes?** Mike Bergin, Tom Andres

**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.

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ANANTH PRASAD, P.E.  
SECRETARY

### MEMORANDUM

**DATE:** September 26, 2012  
**TO:** Specification Review Distribution List  
**FROM:** Trey Tillander, State Specifications Engineer  
**SUBJECT:** Proposed Specification: **4001502 Concrete Structures.**

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

This change was proposed by Steve Plotkin of the State Construction Office to make clear that a Class 3 Surface Finish **requires** the use of a form liner.

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 SP965TT or [trey.tillander@dot.state.fl.us](mailto:trey.tillander@dot.state.fl.us). Comments received after **October 24, 2012**, may not be considered. Your input is encouraged.

TT/cah  
Attachment

**CONCRETE STRUCTURES.**  
**(REV 9-5-12)**

SUBARTICLE 400-15.2.4 (Page 378) is deleted and the following substituted:

**400-15.2.4 Class 3 Surface Finish:** Where this surface finish is specified, use ~~metal forms or timber forms~~ *forms* with a form liner<sup>[cn982ps1]</sup>. Where specified or required on the plans, use No. 89 coarse aggregate for concrete.

After concrete has been placed in the forms and compacted, finish all exposed surfaces which are not contained by the forms to produce a surface texture as nearly equal to that produced by the form as practicable. Generally, finish unformed surfaces to a smooth, dense surface with a steel trowel.

Perform all work, including general surface finish work, in a manner that will preserve the same surface texture and color produced by the form *liner*. Pointed areas may be rubbed with a dry carborundum stone.