

## ORIGINATION FORM

### THE INFORMATION BELOW IS TO BE PROVIDED BY THE ORIGINATOR

(The person who receives or originates the issue and needs to forward the issue for action.)

Modify Specification \_\_\_\_\_450  
Section/File number

New Section \_\_\_\_\_.  
Section number

**Subject:** Definitions

**Origination date:** 9-20-05

**Originator:** Robert Robertson

**Office/Phone:** 414-4267

**Email address/** robert.robertson @dot.state.fl.us

**Userid:**

**Problem statement:** Rabbit trail as a result of changes to Section 001 – Definitions

**Information source:** Duane Brautigam Specifications Office, Robert Robertson  
Structures Office, Mayur Patel Materials Office and Bob Greer  
Office of Design

**Background data:**

**Recommended**

**Usage Note:**

**Desired Implementation Date:** Beginning with the July 2006 letting.



Florida Department of Transportation

JEB BUSH  
GOVERNOR

605 Suwannee Street  
Tallahassee, FL 32399-0450

DENVER J. STUTLER, JR.  
SECRETARY

MEMORANDUM

**DATE:** September 28, 2005  
**TO:** Specification Review Distribution List  
**FROM:** Duane F. Brautigam, P.E., State Specifications Engineer  
**SUBJECT:** **Proposed Specifications Change: 4500014 – Precast Prestressed Concrete Construction.**

In accordance with Specification Development Procedures, we are sending you a copy of a proposed specification change to Precast Prestressed Concrete Construction.

This change is one of a group of changes proposed by Robert Robertson of the State Structures Office to split existing Specifications references to Specialty Engineer into a redefined Specialty Engineer and a newly defined term, Contractor’s Engineer of Record.

**Please note, only those references to Specialty Engineer changed to Contractor’s Engineer of Record are being processed for review. Other existing Specialty Engineer references in the Specifications are meant to work with the new definition.**

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 SP965DB or duane.brautigam@dot.state.fl.us. Comments received after October 26, 2005 may not be considered. Your input is encouraged.

DFB/jho

Attachment

COMMENTS:

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Submitted by:

Phone #:

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**PRECAST PRESTRESSED CONCRETE CONSTRUCTION.**  
**(REV 9-21-05)**

SUBARTICLE 450-14.2 (Page 442) is deleted and the following substituted:

**450-14.2 Submittal of Proposal for Engineering Evaluation:** Proposals must include an evaluation of the product's relative ability to perform its intended function in the structure and its durability relative to other acceptable, similar products. Submit the proposal in writing to the Engineer as outlined below.

If the proposal is accepted by the Engineer, all Department costs associated with review of the proposal, including the cost of any and all engineering evaluation and/or testing services required, will be deducted from payment to the Contractor, but not to exceed 15% of the product value based on unit bid prices.

Prepare the proposal to consist of the following:

1. A cover letter prepared on the Contractor's letterhead describing the product and addressed to the Engineer,
2. Information describing the details of the non-compliance and the proposed repairs in a format acceptable to the Engineer,
3. A structural and durability evaluation of the product,
4. A proposed credit to the Contract proportionate to the product's deficiency. The credit is in addition to the cost for review and evaluation of the proposal,
5. Any other supportive information, pictures and sketches. The description of the proposed repair and/or the structural and durability evaluation of the product must be prepared by or under the direct supervision of ~~a Specialty Engineer~~ *the Contractor's Engineer of Record* and must bear his signature and seal.

Include in the proposed credit consideration of the Department's added costs which may include but are not necessarily limited to re-inspection, testing, reduced durability, or increased maintenance cost. The Engineer will review and evaluate the Contractor's proposal and will notify the Contractor of its disposition. The Engineer's review of the Contractor's proposal does not amend or delete code requirements, unless such changes are specifically brought to the Engineer's attention and accepted by the Engineer. The Engineer's acceptance of a proposal does not relieve the Contractor of his responsibility to provide products that are structurally adequate to resist the loads specified in the Contract drawings and that maintain the intended aesthetic, durability and maintenance aspects of the product. The Engineer will not accept repaired products unless repairs are made as proposed or described, the resulting repairs are sound in all aspects, and the repairs are aesthetically acceptable. Replace a rejected product with a product meeting the requirements of the Contract Documents at no additional expense to the Department.