

## ORINATION 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 5210000SS.  
Section/File number

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

**Subject:** Use of Precast Temporary Barrier Wall – Procurement of Precast Temporary Barrier Wall Meeting the Requirements of .....

**Origination date:** October 31, 2005

**Originator:** David C. O’Hagan  
**Office/Phone:** Structures Design; 414-4283  
**Email address/** david.ohagan@dot.state.fl.us  
**Userid:** st986do

**Problem statement:** Title of Subarticle refers to a “Structures Standard” none of which are maintained after 7/1/2006

**Information source:** Andy Keel, Charles Boyd or personal knowledge..

**Background data:** Revise title as follows:  
“...Requirements of Design Standard Index No. 414”

**Recommended Usage Note:** None.

**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:** November 15, 2005

**TO:** Specification Review Distribution List

**FROM:** Duane F. Brautigam, P.E., State Specifications Engineer

**SUBJECT:** Proposed Specifications Change: 5210304-Concrete Barriers, Traffic Railing Barriers and Parapets

In accordance with Specification Development Procedures, we are sending you a copy of a proposed specification change to Concrete Barriers, Traffic Railing Barriers and Parapets.

This change was proposed by David O'Hagan of the State Structures Office to substitute reference to the Structures Design Standards with reference to the Design Standards.

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 December 13, 2005 may not be considered. Your input is encouraged.

DFB/sh

Attachment

COMMENTS:

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Submitted by:

Phone #:

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**CONCRETE BARRIERS, TRAFFIC RAILING BARRIERS AND PARAPETS.  
(REV 11-7-05)**

ARTICLE 521-1 (of the Supplemental Specifications). The first paragraph is deleted and the following substituted:

**521-1 Description.**

Construct Precast or Cast In Place concrete barriers, traffic railing barriers and parapets, herein referred to as “Barrier Wall”, in accordance with the *Design Standards and/or* details shown in the plans. Use stationary removable forms or sliding forms to construct the barrier wall. Do not use permanent precast concrete barrier wall on bridge or box culvert structures.

ARTICLE 521-2 (of the Supplemental Specifications) is deleted and the following substituted:

**521-2 Materials.**

Meet the following requirements:

Portland Cement Concrete .....	Section 346
Reinforcing Steel .....	Section 415
Joint Materials.....	Section 932
<i>Reflector Elements .....</i>	<i>Section 993</i>

SUBARTICLE 521-3.2 (of the Supplemental Specifications) is deleted and the following substituted:

**521-3.2 Precast Temporary Barrier Wall Meeting the Requirements of the ~~Roadway and Traffic~~ Design Standards, Index No. 415:** Use Precast Temporary Barrier Wall when certification is provided to the Engineer that the Precast Temporary Barrier Wall was constructed in accordance with and meets the requirements of the Design Standards, Index No. 415, and meets the approval of the Engineer.

SUBARTICLE 521-3.4 (of the Supplemental Specifications) is deleted and the following substituted:

**521-3.4 Procurement of Precast Temporary Barrier Wall Meeting the Requirements of ~~Structures Standards Index No. 715~~ Design Standards, Index No. 414:** Obtain and use Precast Temporary Barrier Wall from a manufacturing plant that is currently on the Department’s list of the qualified Precast Concrete Barrier Wall plants.

SUBARTICLE 521-3.5 (of the Supplemental Specifications) is deleted and the following substituted:

**521-3.5 Reflector Elements:** Mount reflectors onto the barriers in accordance with the details shown in the plans and the Design Standards. ~~Provide reflectors that meet the requirements of 993-5.~~