

## **ORIGINATION FORM**

Date: 2/25/11

Originator: Steven Plotkin

Contact Information: 904-360-5501, [steven.plotkin@dot.state.fl.us](mailto:steven.plotkin@dot.state.fl.us)

Specification Title: Repairs and Rejection

Specification Section, Article, or Subarticle Number: 521-7

Why does the existing language need to be changed? The current specification requires unreinforced barrier walls to be repaired.

Summary of the changes: A provision has been added that states that unreinforced barrier walls do not need to be repaired.

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? David Sadler (SCO), Mike Bergin (SMO), Mario Paredes (SMO)

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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**SECRETARY**

### **M E M O R A N D U M**

**DATE:** April 28, 2011

**TO:** Specification Review Distribution List

**FROM:** Rudy Powell, Jr., P.E., State Specifications Engineer

**SUBJECT:** Proposed Specification: 5210700 Concrete Barriers, Traffic Railing Barriers and Parapets.

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

This change was proposed by Steven Plotkin of the State Construction Office to add the provision that cracks in unreinforced barrier walls typically do not need to be repaired.

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 SP965RP or rudy.powell@dot.state.fl.us. Comments received after **May 26, 2011** may not be considered. Your input is encouraged.

RP/cah  
Attachment

**CONCRETE BARRIERS, TRAFFIC RAILING BARRIERS AND PARAPETS.  
(REV 3-28-11)**

ARTICLE 521-7 (Page 653) is deleted and the following substituted:

**521-7 Repairs and Rejection.**

For permanent precast concrete barrier wall that has not been installed, evaluate cracks, spalls and other deficiencies in accordance with 450-12. Repair deficiencies in accordance with 450-13 or the plant's approved repair methods that are included as part of the QCP. Ensure that the original performance and durability of the repaired barrier wall is maintained. Use materials for concrete repair that will meet or exceed the strength requirement for the class of concrete used. Materials meeting the requirements of Section 930 may be substituted for non-shrink grout when required by 450-13. Concrete barrier wall is subject to rejection if it fails to conform to any of the Specification requirements after repair. The disposition of concrete cracks in barrier wall after installation shall be in accordance with 400-21. *However, do not repair cracks in plain concrete barrier walls as detailed in Design Standards Index No. 410, unless directed by the Engineer.*