

## ORIGINATION FORM

Date: **June 17, 2013**

Originator: **Stefanie Maxwell**

Contact Information: **850-414-4314**

*original changes implemented  
for January 2014 WB & eBook.*

Specification Title: **Section 705: Object Markers and Delineators, Section 993: Object Markers and Delineators**

Specification Section, Article, or Subarticle Number: **Articles 705-2, 705-3, 705-4; 993-2**

*Change also needs to be made to 538-3.*

Why does the existing language need to be changed? **Barrier delineators are called many different names: reflectors, reflective barrier markers, reflective railing markers, delineators, retroreflective units – even though they are the same product. The MUTCD supports calling them delineators per Section 1A.13, Item 48, on page 13; and in Section 3F.04, paragraph 2.**

Summary of the changes: **Correct the name to “barrier delineators”.**

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

If not, what are the restrictions?

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

If yes, what is the estimated change in costs?

With who have you discussed these changes? **Chester Henson, Melissa Hollis, Karen Byram, Barry Smith, John Mauthner**

What other offices will be impacted by these changes? **Roadway Design**

Are changes needed to the PPM, Design Standards, SDG, CPAM or other manual? **The Design Standards will need to be modified so they are called barrier delineators everywhere.**

**Known affected sheets are: Index 400 (Sheets 1 and 17), NEW 404 (Sheet 1), NEW 405 (Sheet 1), 410 (Sheet 1), 420 (Sheet 1), 421 (Sheet 1), 422 (Sheet 1), 423 (Sheet 1), 424 (Sheet 1), 425 (Sheet 1), 470 (Sheet 1), and 480 (Sheet 1) – maybe more.**

Is a Design Bulletin, Construction Memo, or Estimates Bulletin needed? **Yes - Estimates Bulletin.**

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

Daniel Scheer 850-414-4130 [daniel.scheer@dot.state.fl.us](mailto:daniel.scheer@dot.state.fl.us)

Frances Thomas 850-414-4101 [frances.thomas@dot.state.fl.us](mailto:frances.thomas@dot.state.fl.us)

Debbie Toole 850-414-4114 [deborah.toole@dot.state.fl.us](mailto:deborah.toole@dot.state.fl.us)

Andy Harper 850-414-4127 [clifton.harper@dot.state.fl.us](mailto:clifton.harper@dot.state.fl.us)

Ray Haverty 850-414-4129 [ray.haverty@dot.state.fl.us](mailto:ray.haverty@dot.state.fl.us)



## *Florida Department of Transportation*

**RICK SCOTT**  
GOVERNOR

605 Suwannee Street  
Tallahassee, FL 32399-0450

**ANANTH PRASAD, P.E.**  
SECRETARY

### **MEMORANDUM**

**DATE:** September 24, 2013  
**TO:** Specification Review Distribution List  
**FROM:** Daniel Scheer, P.E., State Specifications Engineer  
**SUBJECT:** Proposed Specification: **5380000 Resetting Guardrail.**

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

These changes are to update the language for consistency with other specification sections. For the January 2014 Workbook and eBook, the terminology “barrier delineators” was proposed and accepted to replace the terminology “reflector elements”.

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 SP965DS, or [daniel.scheer@dot.state.fl.us](mailto:daniel.scheer@dot.state.fl.us). Comments received after **October 23, 2013**, may not be considered. Your input is encouraged.

DS/dt  
Attachment

**RESETTING GUARDRAIL.**  
**(REV 9-16-13)**

SECTION 538 is deleted and the following substituted:

**SECTION 538**  
**RESETTING GUARDRAIL**

**538-1 Description.**

Remove and reset the existing guardrail at locations shown in the Plans.

**538-2 Materials.**

Replace non-reusable hardware and posts as determined by the Engineer with new materials necessary to complete the reset installation.

Provide new offset blocks for all installations.

Meet the requirements specified in 536-2.

**538-3 Construction Methods.**

Prevent damage to reusable hardware and posts.

Set posts in accordance with the requirements of 536-3 using a consistent type of post throughout a run of guardrail.

Install guardrail panels, anchors, hardware, and ~~reflector elements~~ *barrier delineators* in accordance with the design standards and plan details.

Reusable materials damaged during resetting operations must be replaced at no cost to the Department.

Reset posts in a manner that prevents any subsequent settlement after the blocks and panels are reattached.

**538-4 Method of Measurement.**

The quantities to be paid for will be the length, in feet, of reset guardrail; the number of end anchorage assemblies of each type as designated; the number of special posts, and the number of bridge anchorage assemblies; all as actually constructed and accepted.

The plan length of a run of reset guardrail will be determined as a multiple of the nominal panel lengths except that any panel which is cut off will be field-measured.

**538-5 Basis of Payment.**

Prices and payments for resetting guardrail will be full compensation for all work specified in this Section.

Price and payment for end anchorage assemblies, special guardrail posts, and bridge anchorage assemblies will be as specified in Section 536.

Payment for new guardrail materials furnished to replace items determined to be non-reusable, excluding any items damaged by the Contractor, will be paid for at the actual invoiced cost including transportation charges, to which cost will be added an amount equal to 25% of the total charges.

Payment will be made under:

Item No. 538- 1-      Resetting Guardrail - per foot.