



## *Florida Department of Transportation*

**RICK SCOTT  
GOVERNOR**

605 Suwannee Street  
Tallahassee, FL 32399-0450

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

### **MEMORANDUM**

**DATE:** March 6, 2014

**TO:** Tom Byron, Chief Engineer

**FROM:** Duane Brautigam, Director, Office of Design  
David Sadler, Director, Office of Construction

**COPIES:** Daniel Scheer, State Specifications Engineer

**SUBJECT:** Mandatory Specification Revision No. 1  
July 2014 Workbook

I approve the implementation plan of the subject Specification.

Duane Brautigam

signature on file  
Director, Office of Design

3-7-14

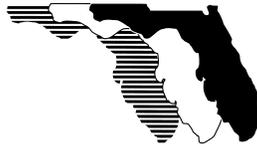
Date

David Sadler

signature on file  
Director, Office of Construction

3-7-14

Date



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GOVERNOR

605 Suwannee Street  
Tallahassee, FL 32399-0450

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

### MEMORANDUM

**DATE:** March 6, 2014

**TO:** District Specifications Engineers

**FROM:** Daniel Scheer, State Specifications Engineer

**CC:** State Specifications and Estimates Office  
Duane Brautigam, Director, Office of Design  
David Sadler, Director, Office of Construction  
Rudy Powell, State Construction Engineer  
Tim Lattner, Director, Office of Maintenance

**SUBJECT:** MANDATORY SPECIFICATIONS REVISIONS  
July 2014 Workbook: Mandatory Revision No. 1

Revise specification packages as described below for the effective letting date as noted:

Specification Number	Heading	Revision Date	Effective Letting Date	Remarks
SP5380000	Resetting Guardrail.	3-6-14	7-14	New SP. Usage Note: 538-1 Items.

Federal Highway Administration Memorandum HSSD, dated May 17, 2010, provided guidance to state transportation agencies on guardrail height for new installations on the National Highway System (NHS). Based on this guidance, the Department will implement a 2'-1" mounting height as our policy for W-beam guardrail systems.

**RESETTING GUARDRAIL.**  
**(REV 3-6-14) (7-14)**

SECTION 538 is deleted and the following substituted:

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

**538-1 Description.**

Remove and reset the existing guardrail *and posts* ~~at~~to locations *as* shown in the Plans.  
*Resetting guardrail consists of relocating existing posts and reattaching existing panels.*

**538-2 Materials.**

Replace non-reusable hardware and posts ~~as determined by the Engineer~~ with new materials necessary to complete the reset installation, *as determined by the Engineer. Do not reuse timber posts.*

Provide new offset blocks for all installations.

*Provide all new materials (i.e., panels, posts, offset blocks, hardware, etc.) for end anchorage assembly installations.*

Meet the requirements specified in 536-2.

**538-3 Construction Methods.**

*Field punch reusable guardrail panels before resetting to install new slotted holes as shown in the Design Standards.*

Prevent damage to reusable ~~hardware and post~~materials.

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

Install guardrail panels, anchor *blocks, offset blocks, barrier delineators, end anchorage assemblies, and* hardware, ~~and reflector elements~~ in accordance with *Section 536*, the ~~d~~Design ~~s~~Standards, and ~~p~~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 *and materials* 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 - *Reset* - per foot.