



## Florida Department of Transportation

**RICK SCOTT**  
GOVERNOR

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

May 2, 2011

Monica Gourdine  
Program Operations Engineer  
Federal Highway Administration  
545 John Knox Road, Suite 200  
Tallahassee, Florida 32303

Re: Office of Design, Specifications  
Section 538  
Proposed Specification: 5380000 Resetting Guardrail.

Dear Ms. Gourdine:

We are submitting, for your approval, two copies of the above referenced Supplemental Specification.

These changes were proposed by John Previte of the District 1 Design Support Office to clarify the reuse of materials.

Please review and transmit your comments, if any, within two weeks. Comments should be sent via Email to SP965RP or rudy.powell@dot.state.fl.us.

If you have any questions relating to this specification change, please call Rudy Powell, State Specifications Engineer at 414-4280.

Sincerely,

Rudy Powell, Jr., P.E.  
State Specifications Engineer

RP/cah

Attachment

cc: Gregory Jones, Chief Civil Litigation  
Florida Transportation Builders' Assoc.  
State Construction Engineer

**RESETTING GUARDRAIL.****(REV 3-1-11)**

SECTION 538 (Pages 677 – 678) is deleted and the following substituted:

**SECTION 538  
RESETTING GUARDRAIL**

**538-1 Description.**

Remove the existing guardrail, and reset the *existing* salvaged guardrail *at locations shown in the Plans*. with new materials. Reset the guardrail at locations shown in the plans in accordance with the design standards for guardrail construction or as modified by the plans.

**538-2 Materials.**

*Replace non-reusable hardware and posts as determined by the Engineer with Prevent damage to reusable materials when removing existing guardrail. Furnish all new materials necessary to complete the reset guardrail installation.*

Provide only 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.*

Erect *Install* guardrail panels, anchors, and hardware, *and reflector elements* in accordance with the design standards *and plan details*. for guardrail construction or as modified by the detailed plans.

Replace any *Reusable* salvageable materials damaged *during resetting operations must be replaced* by operations at no *cost* expense to the Department.

Use a consistent type of post throughout a run of guardrail.

*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 ~~(1)~~ the length, in feet, of reset guardrail; ~~(2)~~ the number of end anchorage assemblies of each type as designated; ~~(3)~~ the number of special posts, and ~~(4)~~ 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, ~~including furnishing all required new hardware and additional~~

~~posts, all new offset blocks, and replacement of any material damaged by the Contractor except as specified below.~~

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 panels and posts~~ furnished to replace ~~such~~ items determined to be non-~~reusable~~ salvageable, 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.

**RESETTING GUARDRAIL.****(REV 3-1-11)**

SECTION 538 (Pages 677 – 678) 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 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:

5380000.*D01*

All Jobs

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