

ORIGINATION FORM

Proposed Revisions to the Specifications

(Please provide all information - incomplete forms will be returned)

Date:

Office:

Originator:

Specification Section:

Telephone:

Article/Subarticle:

email:

****Will the proposed revision require changes to:**

Publication	Yes	No	Office Staff Contacted and date contacted
Standard Plans Index			
Traffic Engineering Manual			
FDOT Design Manual			
Construction Project Administration Manual			
Basis of Estimate/Pay Items			
Structures Design Guidelines			
Approved Product List			
Materials Manual			

****This section must be completed prior to processing proposed revisions.**

Will this revision necessitate any of the following:

Design Bulletin

Construction Bulletin

Estimates Bulletin

Materials Bulletin

Are all references to external publications current?

Yes

No

If not, what references need to be updated? (Please include changes in the redline document.)

Why does the existing language need to be changed?

Summary of the changes:

Are these changes applicable to all Department jobs?

Yes

No

If not, what are the restrictions?

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

Daniel Strickland 850-414-4130 Daniel.Strickland@dot.state.fl.us Rebecca Frimmel 850-414-4155 Rebecca.Frimmel@dot.state.fl.us

Valencia Cunningham 850-414-4101 Valencia.Cunningham@dot.state.fl.us Darla Hunsicker 850-414-4114 Darla.Hunsicker@dot.state.fl.us



RON DESANTIS
GOVERNOR

KEVIN J. THIBAUT, P.E.
SECRETARY

MEMORANDUM

DATE: November 5, 2020
TO: Specification Review Distribution List
FROM: Daniel Strickland, P.E., State Specifications Engineer
SUBJECT: Proposed Specification: **5360314 GUARDRAIL**

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

The changes are proposed by Richard Stepp from the Roadway Design Office to update language in the Standard Specification.

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 online at <http://fdotewp1.dot.state.fl.us/programmanagement/development/industryreview.aspx> . Comments received after **December 2, 2020**, may not be considered. Your input is encouraged.

DS/dh

Attachment

GUARDRAIL
(REV 10-23-20)

SUBARTICLE 536-3.14 is deleted and the following substituted:

536-3.14 Approach Terminal Assemblies: Install approach terminal assemblies as specified in the Plans and APL drawings and in accordance with the geometry and adjacent grading of the Standard Plans. The APL number must be permanently marked on each assembly at a readily visible location using legible lettering at least 3/4 inch in height.

If the Plans call for a "flared" approach terminal assembly and do not identify the specific system to be used, the contractor has the option to construct any Department-approved "flared" approach terminal assembly identified on the APL, that meets the applicable test criteria, subject to the conditions identified in the Plans or the APL drawings.

~~Likewise, if the Plans call for a "parallel" approach terminal assembly and do not identify the specific system to be used, the contractor has the option to construct any Department-approved "parallel" terminal assembly identified on the APL, subject to the conditions identified in the Plans or the APL drawings.~~

SUBARTICLE 536-5.5 is deleted and the following substituted:

536-5.5 ~~Bridge Anchorage Assembly/Approach~~ Transition Connection to Rigid Barrier: The quantity paid for will be the number of each, constructed, in place and accepted.

SUBARTICLE 536-5.7 is deleted and the following substituted:

536-5.7 Guardrail End Treatment: The quantity paid for will be the number of each type as designated, constructed, in place, and accepted. Guardrail end treatment types may include ~~parallel or flared~~ approach terminals, trailing anchorages, CRT end treatments, and double faced approach terminals as defined in the Standard Plans.

SUBARTICLE 536-6.1 is deleted and the following substituted:

536-6.1 Guardrail: Price and payment will be full compensation for all work specified under this Section, except those items specified in 536-6.2 through 536-6.7. Price and payment includes furnishing and installing posts, panels, barrier delineators, offset blocks, and all other materials as defined in the Plans and the Standard Plans. The price and payment will include any reduced post spacing, nested panels, shop-bent panels, end unit panels, ~~trailing end transition connections to rigid barrier~~, and CRT posts as required in the Plans.

The type of guardrail specified will be that which comprises the guardrail run between end treatments and transition connections to rigid barrier (including, but not limited to, w-beam general, w-beam double face, w-beam low-speed, modified thrie-beam). For guardrail systems with direct connections between end treatments and transition connections to rigid barrier, the type of guardrail specified will be w-beam for single face guardrail applications or double faced for double face guardrail applications.

SUBARTICLE 536-6.5 is deleted and the following substituted:

536-6.5 ~~Bridge Anchorage Assembly/Approach~~ Transition Connection to Rigid Barrier: Price and payment will include all costs for furnishing and installing all hardware for approach or trailing transition connections to rigid barrier per the Standard Plans that are in addition to the cost of items included in 536-6.1. This includes costs for the concrete transition block or alignment curb ~~and its transition~~ where shown in the Standard Plans and barrier delineators for existing post and beam bridge railings. This item applies for connections to concrete barrier, concrete pier protection barrier, and concrete or metal bridge traffic railing, including thrie-beam retrofits.

SUBARTICLE 536-6.8 is deleted and the following substituted:

536-6.8 Payment Items: Payment will be made under:

- Item No. 536- 1- Guardrail - per foot.
- Item No. 536- 5- Rub Rail - per foot.
- Item No. 536- 6- Pipe Rail - per foot.
- Item No. 536- 7- Special Guardrail Post - each.
- Item No. 536- 8- ~~Bridge Anchorage Assembly/Approach~~ Transition Connection to Rigid Barrier - each.
- Item No. 536- 73- Removal of Existing Guardrail - per foot.
- Item No. 536- 85- Guardrail End Treatment - each.