

5380000 RESETTING GUARDRAIL
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

Mike Irwin (via Deborah Ihsan)
772-257-5025
mike.irwin@cardno.com

Comments: (4-27-16)

Under 538-2.32 Unforeseen Non-reusable Components: The second paragraph reads as follows: “Components damaged during construction operations are not considered unforeseen non-reusable components and must be replaced with new components at no cost to the Department.” We have seen this language before in other areas and the contractor asserts the intent of “damaged during construction operations” means damaged by the contractor and that 3rd party damages that happen during construction will be paid by the Department. It would be recommended to clarify the intent of this sentence and be more specific as to whether the components requiring replacement at no cost to the Department apply to components damaged by the contractor or damaged during the duration of the project, whether due to the Contractor’s operations or by a 3rd party.

Response:

No change made. Please see Section 7 on third party damage.

John Fowler
850-330-1450
john.fowler@dot.state.fl.us

Comments: (4-28-16)

1. 538-1 states, "Furnish and install new end treatment assemblies, approach transition connections, etc. as required by the Plans." Then 538-2.1 specifies that all end anchorage assemblies, etc. are considered non-reusable and shall be replaced with new equipment. I would not expect the Plans to specify when and where new end anchorages, etc. will be required as indicated in Section 538-1.

Response: We will remove the word “new” prior to “end treatment assemblies” to avoid confusion. The plans are showing where to place end treatment assemblies, but not necessarily new ones as opposed to the possibility of something else. All end treatments are required to be new per the Specification.

2. 538-5 seems to contradict itself. First it states that price and payment will include compensation for all planned non-reusable components. Then it states that the price and payment for all end anchorage assemblies will be made in accordance with Section 536. Which one is it?

Response: We’ve added language to 538-5 to specify the exclusion of end treatment assemblies, approach transition connections to rigid barriers, and bridge anchorage assemblies from the “resetting guardrail” payment (because these items are then later explained to be paid for under 536).

D3 (via Barbara Stickland)

Comments: (5-16-16)

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to specify when and where new end anchorages, etc. will be required as indicated in Section 538-1. 538-5 seems to contradict itself. First it states that price and payment will include compensation for all planned non-reusable components. Then it states that the price and payment for all end anchorage assemblies will be made in accordance with Section 536. Which one is it?

Response:

Please see responses above.

Jose Kandarappallil (via Deborah Ihsan)
954-777-4387
deborah.ihsan@dot.state.fl.us

Comments: (5-16-16)

The removal of existing guardrail and its payment is discussed in section 536 of the specs. Therefore the first line of 538-1 may be reworded as “ Reinstall the guardrail system using new and reusable components and posts at the locations as shown in the Plans.”

Response: Section 536 is intended for situations where the existing guardrail is being removed and disposed of. Section 538 is intended for situations where the existing guardrail being relocated or “reset”, which is both removal and reinstallation. No change made.

It is suggested to remove items 3-6,(End treatment assemblies, approach transition connections to rigid barriers, trialing end transition connections to rigid barrier, Bridge anchorage assemblies) form the list of planned non- reusable components, as they will be notated in the plans if to be replaced.

Response:

No change made. While the items to be replaced may be notated in the Plans, the Specification is intended to additionally define that only new items may be used.

Maria Connolly
FDOT, TP
(954) 934-1209

Comments: (6-2-16)

Section 538-2.1 Planned Non-reusable Components:

Recommend including hardware as a non-reusable component. It is listed as a non-reusable component in the some of the items on the list but new hardware should be used when resetting any guardrail.

Response:

Change made. Added hardware as a non-reusable component.
