

5460000 RUMBLE STRIPS
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

Ben Lewis
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Comment: (5-22-14) I have a couple of comments on this one:

1.) I don't see anywhere in the Design Standards, Index No. 518 that address this process.

Response:

2.) You might want an additional pay item for this just in case you had it and the other Ground-in Rumble Strips on the same project.

Response:

3.) It seems that the method of measurement should be worded the same as the ground-in shoulder rumble strips.

Response:

4.) You might want to say that the thermo will be paid for under Section 711 also.

Response:

5.) Isn't the title of chapter 546-5 supposed to be Basis of Payment?

Response: Agree, Change Made, Specs Office.

Ervin Sterling
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Comment: (5-22-14)

Raised Strips are paid per set without adjustment due to width of pavement (lane or shoulder) receiving the strips or length of strips. Cut Strips are closely length and width defined by Index 518, pair for per mile. Is it worth noting that Cut Strips are paid for by *roadway* mile – to clearly indicate that the measurement is *not* the total length of Cut (approximately two feet per cut)?

Perhaps “The quantity of ground-in *shoulder* rumble strips to be paid for under this Section will be the plan quantity in *roadway shoulder* miles, constructed and accepted. The plan quantity will be determined based on the roadway length minus bridge lengths for each shoulder on which rumble strips are to be constructed.”?

Response:

Shailesh Patel

Comment: (6-3-14) 546-3.3- Should this not read Ground-In Rumble Strips instead of Stripe.
546-4- States ground in the shoulder rumble strips to be paid for in miles. But this is ground in

line is not placed in the shoulder it is placed in the travel lane per index 17346 from the edge of the travel way. Should this specification reflect this correctly? Should this new specification be mentioned under the 701 specification? (for audible)

Response:

Barbara Strickland
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Comment: (6-3-14)

1.) Section 546-3.3 Ground in Rumble Stripe refers to applying thermoplastic pavement markings in accordance with Section 711 over the top of the rumble strip as shown in Design Standards, Index No. 518 but that index does not address edge line rumble strip markings. It shows the rumble strips offset 14 inches from the painted edge line not under the painted strip.

Response:

2.) Also my understanding is that the ground in rumble strip is 8 inches wide not 16 where the edge line is painted on top of it.

Response:

Allen Mattox
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Comment: (6-13-14)

1. 546-3.3 Title states Rumble Stripe. Should be changed to Strip.

Response: Change made.

2. 546-4 The highlighted sections in the paragraph are stated twice. Suggest eliminating one.

Response: The 2nd paragraph is referring to method of measurement for shoulder rumble strips and the 3rd paragraph is referring to method of measurement for centerline and edge line rumble strips. In this case, the repeated text is appropriate.
No change made.

Comment: (6-17-14)

The addition of 546-3.3 specifies the application of thermoplastic pavement marking in accordance with section 711 over the top of the rumble strip as shown in Design Standard, Index No 518. However, index 518 does not show the application of thermoplastic. Is this proposed change going to be added to the index?

Response:

Paul Gentry

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Comment: (6-20-14, late comment)

Reference is made to DI 518 of which the current 2014 standard shows a revision date of 2007. The current standard details the current ground in rumble stripe not having the 711 material going over and into the Rumble strip. Why are we trying to implement a standard into the specification without the DI already under review or implemented now?

Response:
