

2830100 Reclaimed Asphalt Pavement Base  
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

Haverty, Ray  
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Comments: (5-16-12)

*I have reviewed this proposed change and I believe the page number reference "ARTICLE 283-1 (Page 223) is deleted and the following substituted: "is incorrect and should be "(Page 222)"*

**Response: Page number corrected. Spec's Department.**

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Comments: (5-18-12)

As we discussed in our teleconference on April 30, 2012 - please, add the following: 283-1 Description. At the end of the second sentence, add the word "bearing" between the words "non-traffic" and "applications."

**Response: Change made.**

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Howie Moseley  
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Comments: (5-25-12)

This spec is not consistent with standard index 514. Standard index 514 limits RAP base to non limited access shoulder base construction. It does not include shared use paths.

**Response: The inconsistency between the Specification and the Standard Index is what prompted one of the proposed Specification changes. Standard Index 514 has been modified to ensure consistency with Specification Section 283. Change will be implemented in the January 2013 Design Standards Index book.**

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*Steve Johnson*  
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Comments: (6-13-12)

We have a job that is shoulder widening, after placing the RAP, we got the water truck and flooded it. The VT / FDOT inspector said the spec says you cannot compact it unless the moisture is within 2% of optimum. We would wet it and the inspector would run a speedy to see where the moisture was and by the time you got it within 2% there was not enough moisture in it to get density. I tried to tell them the only way you can get density on RAP base is to flood it roll

it then test it after you compact it and the moisture will be down around 2% of optimum moisture. We were back and forth because the VT nor the FDOT inspector had ever worked with RAP base before. Finally I just said look does it matter how we get density as long as we get it. I also told them means and methods was the contractor decision. After 2 days of back and forth we finally got density and they were amazed.

*283-4 Compacting and Finishing Base.*

*283-4.1 General: Meet the requirements of 200-6.1:*

*283-4.1.1 Single-Course Base: Construct as specified in 200-6.1.1.*

*283-4.1.2 Multiple-Course Base: Construct as specified in 200-6.1.2.*

*283-4.2 Moisture Content: Meet the requirements of 200-6.2. ~~Ensure that the moisture content at the time of compaction is within 2% of optimum.~~*

*283-4.3 Density Requirements: ~~After attaining the proper moisture content, c~~Compact the material to a density of not less than 95% of maximum density as determined by FM 1-T 180. Where the width of the base construction is not sufficient to permit use of standard base compaction equipment, perform compaction using vibratory compactors, trench rollers, or other special equipment which will provide the density requirements specified herein.*

I would like to see the 2% at time of compaction go away so this doesn't happen to us or any other contractor. I know that a lot of contractors are using more and more RAP base.

Response: We agree that we should stick with having the density requirements and let the Contractor achieve density at whatever moisture content they see fit. If a Contractor prefers to obtain density with more roller passes at a moisture content further from optimum, that's their prerogative. Highlighted text has been deleted.  
Change made.

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