

3340000 SUPERPAVE ASPHALT CONCRETE  
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

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Comment: (12-26-12)  
Section 3340000

**1. 334-1.4.3 Additional Requirements**

Overbuild was addressed as placing at zero thickness as long as the plans called out 1 ½” of asphalt placed coverage. This brings up the question of when we allow the Contractor to place the overbuild and structural in one operation, should we have this added to the spec to allow them to do this or not do this in light of this spec change.

Response:

**2. 334-5.7.2 Roadway**

**334-5.7.2 Roadway:** Obtain five 6 inch diameter roadway cores within 24 hours of placement, as directed by the Engineer, for Independent Verification testing. In situations where it is impractical to cut five cores per subplot, obtain a minimum of three cores per subplot at random locations, as identified by the Engineer. These independent cores will be obtained from the same LOTs and sublots as the Independent Verification Plant samples, or as directed by the Engineer. The density of these cores will be obtained as described in 334-5.1.1. **If the average of the results for the subplot does not meet** the requirements of Table 334-5 for density, *then a comparison of the Independent Verification Gmm test results and the Contractor's Gmm test results, if available, will be made. If the comparison meets the precision values of Table 334-6, cease production* of the asphalt mixture until the problem is adequately resolved (to the satisfaction of the Engineer), unless it can be demonstrated to the satisfaction of the Engineer that the problem can immediately be (or already has been) resolved. Address any material represented by the failing test results in accordance with 334-5.9.5.

If the comparison values meet why would you cease production?

Response:

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Comments: (12-26-12)

Based on surplus of RAP material at most asphalt plants and successful placement on SR 200 in Nassau County, I recommend allowing up to 20% RAP in mixes with PG 82-22 binder. Section 334-5.7.2 - If the results do not compare, then the IV resolution process should be initiated and if verified, the Contractor should still have to cease production and address the failure.

Response:

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D4

Comments: (1-1-13)

D4 Const has the following comments. 4. Use RAP from a Department approved stockpile or millings from a Department project. The new text "or millings from a Detartment project" does not have an approval method attached as in the next section of the spec. (stockpiles). Suggest language be added to explain how we approve the material for use.

Response:

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Jerry Stewart

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Comment: (11-29-12) Section 334-1.4.3 (4) they added a statement about zeroing the taper on over build, but limit it to 1 1/2" minimum overlays. Why not down to 1" minimum overlays? Overbuild isn't considered structural asphalt, so by design it has no structural value. Leaving a 1/2" taper on 1" overlays will continue to cause construction problems.

Response:

Section 334-2.3.1 (2) No RAP in 82-10 mixes. Why not? We're running RAP in a coarse graded 12.5 with 82-10 binder to Disney and we can meet volumetric's and achieve density.

Response:

Section 334-2.3.1 (4) Use RAP from a DOT approved stockpile or millings from a DOT project. If the RAP material comes from a DOT project it's pre-approved. If it comes from a non-DOT project, you have to go through the approval process (submit 7 test results, a recovered viscosity, and a visual inspection) before you can use it. Same basic spec as before they just changed the wording from "FDOT furnished Pavement Composition..." to "Department project".

Response:

Section 334-5.7.2 states the action to take place if the IV GMM results compare with the QC GMM results, but it doesn't state what action(s) take place if they don't compare.

Response:

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Emmanuel Uwaibi, P.E

Comment: (12-6-12) Under 334-1.4.3:

Note #4. The requirement of a minimum of 1-1/2 of structural asphalt over an overbuild layer even when the overbuild layer has been feathered to zero thickness is an unnecessary restriction that can result in expensive flexible pavement design overlays during rehabilitation. There should valid data before implementation of these types of expensive material restrictions on pavement designs.

Under 334-2.3.1:

Notes #3 and #4 under this section looks contradictory. My suggestion is that note #4 should be deleted since the contractor assumes full responsibility for RAP under note #3.  
I have no comments on specs. 320, 330, 336, 916 and 919

Response:

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