

3340104 SUPERPAVE ASPHALT CONCRETE
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

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Comments: (8-25-22 Industry)

Concur: Recently completed contract research determined that SP-9.5 mm mixtures perform equal to or better than SP-12.5 mm mixtures. The use of SP-9.5 mixtures may result in a decrease in the cost of aggregates used in these applications

Response:

John:

Thank you for your review. Research was conducted by the Texas A&M Transportation Institute.

Performance Evaluation of SP-9.5 and SP-12.5 Superpave Mixtures

SP-9.5 mixtures, such as Granite (PG 67-22 or PG 76-22) and Limestone (PG 76-22), show equivalent or better performance (rutting, cracking, and durability) than the corresponding SP-12.5 mixtures.

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Comments: (7-29-22 Internal)

We need to put these spec revisions on hold as the Industry has significant concerns.

Response:

Ananth:

Thank you for your review. Proposed revisions to all specification sections were discussed during the Asphalt Contractors Association of Florida Specification Committee meeting held on July 28, 2022.

Section 334.

There was consensus among the Committee members for changing the minimum thickness of 9.5 mm mixtures used in Traffic Level E applications from 1-1/4 inches to 1-1/2 inches. The initial submittal was revised as shown above. It is also shown below for your convenience.

In addition to the minimum and maximum thickness requirements, the following restrictions are placed on mixes when used as a structural course:

Type SP-9.5 - Limited to the top two structural layers, two layers maximum.

Type SP-9.5 - Do not use place less than 1-1/2 inches thick for Traffic Level E applications.
