

2340801, Superpave Asphalt Base – Thickness Requirements
Comments From Industry Review

Rick Korloch
727-725-7950
richard.korloch@dot.state.fl.us

234-8.1 General: The total thickness of the Type B asphalt layer(s) will be the plan thickness as shown in the Contract Documents. Before paving, propose a thickness for each individual layer meeting the requirements of this specification, which when combined with other layers (as applicable) will equal the plan thickness. For construction purposes, the plan thickness and individual layer thickness will be converted to spread rate based on the maximum specific gravity of the asphalt mix being used, as well as the minimum density level, as shown in the following equation:

Spread rate (lbs/yd²) = t x Gmm x 43.3

Where: t = Thickness (in.) (Plan thickness or individual layer thickness)

Gmm = Maximum specific gravity from the verified mix design

The weight of the mixture shall be determined as provided in 320-2.2. For target purposes only, spread rate calculations should be rounded to the nearest whole number.

Note: **Plan quantities** are based on a Gmm of 2.540, corresponding to a spread rate of 110 lbs/yd²-in. **Pay quantities will be based on the actual maximum specific gravity of the mix being used.**

Base is a square yardage plan quantity item and as such mix weight is not a consideration for pay, except for when calculating the pay area adjustment.

Response:

Agreed. The specification will be modified to correct this conflict.

John Burnette
District 5 Estimates Office

Comment:

SUBARTICLE 234-8.1 (Page 220 "Should be 213") is deleted and the following substituted:

Response:

The Specifications Office will revise the page numbers accordingly.
