

SUPPLEMENTAL SPECIFICATION

AMENDMENT TO SECTION 401 – PLANT MIX PAVEMENTS – GENERAL

The purpose of this Supplemental Specification is to clarify the measurement of pavement thickness, as well as specify that thickness measurements will be performed on each individual layer using the cores taken when paving that layer.

Amend 3.17.3.3 and 3.17.3.3.1 to read:

3.17.3.3 Pavement Thickness. The thickness requirements contained herein shall apply only when each pavement layer is specified to be a uniform thickness greater than 3/4 in. (19 mm). The thickness of each layer of hot asphalt mix will be measured in conformance to ASTM D 3549 to determine compliance with the acceptance tolerance. Measurements shall be obtained from cores taken for determining in place air voids of each pavement layer. A leveling course, or the first layer over a **gravel or stone base, a milled surface** or **an** existing surface, shall be excluded from thickness measurement.

3.17.3.3.1 Once each thickness measurement has been taken, a thickness index will be calculated. The thickness index is the actual deviation from target divided by the allowable tolerance. This will allow statistical comparisons to be made among measurements based on varying specified thickness. Thickness indexes will be established for the sole purpose of calculating pay factors. Thickness index shall be calculated under the following equation using the specification limits in Table 8.

$$TI = (M - ST)/T$$

where: TI = Thickness Index
 ST = Specified Thickness
 M = Measured Layer Thickness From Core
 T = **15% x ST, but no less than 1/4"**

Table 8 -Thickness Index Acceptance Limits

	TARGET	LSL	USL
Thickness Index	0.00	-1.00	+1.00