

March 1, 2006

Rev. 7-1-06
Rev. 9-1-06

Supplemental Specifications - Section 400
of the
Standard Specifications for Road and Bridge Construction
March 1, 2006

Subsection 407.03 (D) 2 (c) Quality Control System: 8 d Insert as the second sentence

“The Contractor, at his risk, may continue to produce and place mixture after the first 500 tons without the test results complete, however all mixture subject to price adjustment or removal at the discretion of the Engineer if the test results do not comply with the specifications.”

Replace **Subsection 407.09** in its entirety with the following:

407.09-Weather Limitations. Bituminous plant mix may be placed on properly constructed and accepted subgrade or previously applied layers provided the following conditions are met:

1. The subgrade and the surface upon which the bituminous plant mix is placed shall be free of excessive moisture.
2. The bituminous plant mix shall be placed in accordance with the temperature limitations of the following table and only when weather conditions otherwise permit the pavement to be properly placed, compacted and finished.

TEMPERATURE LIMITATIONS

Compacted Thickness	Minimum Air or Surface Temperature	
	Unmodified mixes (PG 64, 67)	Modified mixes (PG 70, 76, 82)
1.5 in. (40 mm) or less	45° F (7° C)	55° F (13° C)
> 1.5 in. (40 mm) to < 3.0 in. (75 mm)	40° F (5° C)	50° F (10° C)
≥ 3.0 in. (75mm)	35° F (2° C)	45° F (7° C)

3. No bituminous plant mix, with a compacted thickness of 1.5 in. (40 mm) or less, shall be placed between November 30 and April 1; and further, no bituminous plant mix, with a compacted thickness greater than 1.5 in. (40 mm), shall be placed between December 15 and March 16.
4. The contractor may request for approval a variance from the above required temperature and seasonal limitations to pave at lower temperatures when there is a benefit to the public. The request shall be in writing, be submitted at least one week prior to the anticipated need, and must include a “Paving and Compaction Plan for Cold Weather” in accordance with the TDOT Procedure. The plan shall identify what practices and precautions the contractor intends to utilize to assure the mixture is placed and compacted to meet the specifications. The plan shall include compaction cooling curves estimating the time available for compaction, the intended production, haul, and compaction rates with paver and roller speeds estimated. Practices that should be considered include the addition of rollers, reduced production and paving rates, insulated truck beds, and heating the existing surface.

If the Contractor cannot obtain the specified densities, then all paving operations shall cease and a new plan shall be developed. All mixture failing to meet specifications will be subject to price adjustments or removal and replacement at the Contractors expense.

Subsection 407.11 Table B, Change the Maximum temperature for “PG64-22”, and “PG67-22” from “350°F (177°C)” to “320°F (160°C)”

Subsection 407.15 Following the eighth paragraph, Chart on **Density Requirements**, third column, Replace the word “number” with the word “No”

Section 411.03 (c), chart for RAP allowed, change the percent RAP(Processed) allowed for 411E(shoulder) from 25% to 30%.

Section 415.02: (Delete the third paragraph) “When milling the Interstate...”