

SPECIAL PROVISION
SECTION 403
HOT MIX ASPHALT OVERLAY

Desc. of Course	Grad. Design	Item Number	Bit Cont. % of Mix	Total Thick	No. Of Layers	Comp. Notes
<u>5 1/4" Overlay</u>						
<u>Shoulders Widening</u>						
Wearing	12.5mm	403.208	N/A	1 1/2"	1	4,10
Base	12.5mm	403.213	N/A	3"	2	4,10,21
<u>Drives, Sidewalks, Misc.</u>						
Wearing	9.5mm	403.209	N/A	2"	2/more	2,3,10,11,14

COMPLEMENTARY NOTES

2. The density requirements are waived.
3. The design traffic level for mix placed shall be <0.3 million ESALS.
4. The design traffic level for mix placed shall be <3 to 3 million ESALS. The design, verification, Quality Control, and Acceptance tests for this mix will be performed at **75 gyrations.**
10. Section 106.6 Acceptance, (2) Method D.
11. The combined aggregate gradation required for this item shall be classified as a 9.5mm "**fine graded**" mixture, (using the Primary Control Sieve control point) as defined in 703.09.
13. A mixture meeting the gradation of 9.5mm hot mix asphalt may be used with the approval of the Department.
14. A mixture meeting the requirements of section 703.09 Grading 'D', with a minimum PGAB content of 6 %, and the limits of Special Provision 401, Table 9 (Drives and Sidewalks) for PGAB content and gradation may be substituted for this item. A job mix formula shall be submitted to the Department for approval.
21. The combined aggregate gradation required for this layer shall be classified as a 12.5mm mixture, or a 19.0mm "**fine graded**" mixture (using the Primary Control Sieve control point) as defined in 703.09.

Tack Coat

A tack coat of emulsified asphalt, RS-1, Item 409.15 shall be applied to any existing pavement at a rate of approximately 0.025 gal/yd², and on milled pavement approximately 0.05 gal/yd², prior to placing a new course. A fog coat of emulsified asphalt shall be applied between shim / intermediate course and the surface course, at a rate not to exceed 0.025 gal/yd². All joints between existing and new pavement will be tacked.

Cleaning objectionable material from the pavement and furnishing and applying Item 409.15 bituminous material to joints and contact surfaces is incidental.