

WEST VIRGINIA DIVISION OF HIGHWAYS

JOB MIX FORMULA FOR SUPERPAVE HOT-MIX ASPHALT

Report Number:	Date Accepted:
HMA Type:	HMA Code:
Producer:	Plant Location:
Designed By:	Design Lab:
Plant Type:	Plant Make:
Plant Code:	Design ESALs:

MIX COMPOSITION									
Coarse Aggregate Source				Code	Fine Aggregate Source				Code
CA ₁					FA ₁				
CA ₂					FA ₂				
CA ₃					FA ₃				
	CA ₁	CA ₂	CA ₃		FA ₁	FA ₂	FA ₃		
Agg. Type									
Agg. Code									
% Total Agg.									
% RAP Total Agg.:				Blended Binder G*/sin delta if > 25% RAP:					
% Binder In RAP Design:				Binder Type:		Binder Code:			
Binder Source:				Binder Source Code:					

Sieve Fraction								Fines / Effective Asphalt Ratio	Tensile Strn. Ratio
Sieve Size	Target	Allowable		Sieve Size	Target	Allowable			
		Min.	Max.			Min.	Max.		
2" (50 mm)				#4 (4.75 mm)				Temperature Range Completed Mixture (°F)	
1.5" (37.5 mm)				#8 (2.36 mm)					
1" (25 mm)				#16 (1.18 mm)					
3/4" (19 mm)				#30 (600 µm)				Desirable Mean Temp.	Temp. Range Min. Max.
1/2" (12.5 mm)				#50 (300 µm)					
3/8" (9.5 mm)				#200 (75 µm)					

JOB MIX FORMULA VALUES									
				Job Mix Formula		Job Mix Formula Tolerances			
Specific gravity stone bulk (Gsb):	Design Property			Design Targets		Minimum		Maximum	
	Asphalt (%)								
	Air Voids (%)								
	VMA (%)								
Maximum Density (kg/m ³)			VFA (%)						
Gyrations @ N _{design} :		Desirable Mean Temp. for Lab. Specimens (°F):				Comp. Temp. :		Mixing Temp. :	

Remarks: _____
