

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.				
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)			Desirable Mean Temp. Temp. Range Min. Max.
3/4" (19 mm)				#30 (600 μm)			
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
Maximum Density (kg/m ³)	Asphalt (%)			
	Air Voids (%)			
	VMA (%)			
	VFA (%)			
Gyrations @ N _{design} :		Desirable Mean Temp. for Lab. Specimens (°F):	Comp. Temp. :	Mixing Temp. :

Remarks: _____
