

WEST VIRGINIA DIVISION OF HIGHWAYS JOB MIX FORMULA FOR HOT-MIX ASPHALT

Report Number:				Date Accepted:					
HMA Type:				HMA Code:					
Producer:				Plant Location:					
Designed By:				Design Lab:					
Plant Type:				Plant Make:					
Plant Code:				Traffic Type:					
MIX COMPOSITION									
Coarse Aggregate Source			Code	Fine Aggregate Source			Code		
CA ₁				FA ₂					
CA ₂				FA ₃					
FA ₁				FA ₄					
	CA ₁	CA ₂	FA ₁	FA ₂	FA ₃	FA ₄			
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 SourceCode:				
Sieve Fraction							Voids filled with	Fines to	
Sieve Size	Target	Allowable		Sieve Size	Target	Allowable		Asphalt (VFA) %	Asphalt Ratio
		Min.	Max.			Min.	Max.		
2" (50 mm)				#4 (4.75 mm)				Temperature Range Completed Mixture (°F)	
1.5" (37.5mm)				#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): Maximum Density (kg/m ³)	Design Property		Design Targets			Minimum		Maximum	
	Asphalt (%)								
	Air Voids (%)								
	VMA (%)								
	Stability (N)								
Flow (0.25mm)									
Desirable Mean Temperature for Laboratory Specimens (°F):				Compaction Temperature:				Mixing Temperature:	
Remarks:									