District Check List for Superpave Asphalt Mix Designs

Producer:		 		
Mix Type: De	esign ESAL's:	Gyration Level:		-
Binder Type:				
General Information			Yes	No
Are the Producer, Plant Location an	d Plant Code listed o	correctly?		
Is the HMA type and HMA code cor	rect?			
Is the Design Laboratory on the Div	ision Approved Labo	ratory Listing?		
Is the Design Technician certified as	a design technician	?		
Is the Plant type, make, and code lis	sted correctly?			
Is the proposed design ESAL's and n	number of Gyrations	@ N design listed correctly?		
Mix Composition			Yes	No
Are the coarse and fine aggregate s	ources, locations and	d codes listed correctly?		
Are the coarse and fine aggregate to				
Are the coarse and fine aggregate s				
Commercial Sources and Potential S				
Does the percent total aggregate ar	nd percent RAP when	n used, add up to 100 percent?		
Does the binder source and binder				
Is the binder type and binder code	listed correctly?			
Is the binder source and type listed		ist for Bituminous Suppliers"?		
Are the proposed Target Sieve Frac		• • • • • • • • • • • • • • • • • • • •	+	
Do the Allowable Sieve Targets mee		·	+	
for the type of mix presented?				
Does the proposed Fines/Effective data?	Asphalt Ratio repres	ent the value in the mix design		
Does the proposed Tensile Strength	Ratio represent the	value in the mix design data?	+	
Does the proposed desirable mean	•	-		
specification limits?				
Job Mix Formula Values			Yes	No
Was the proposed Optimum Aspha	It Content (OAC) cho	sen at 4 percent air voids?		
Was the proposed percent VMA che	osen at the OAC?			
Was the proposed percent VFA cho				
Was the proposed Maximum Densi	ty (kg/m³)) chosen at	t the OAC?		
Is the proposed value for Specific gr	ravity stone bulk (G _{sk}) listed and does it represent the		
value found in the mix design data?)			
Design Criteria (Attachment #1 SP fo	orm)		Yes	No
Does the design criteria for percent		ments of Table 1 of MP 401.02.28?	T	
Does the design criteria for Fines-to	•		1	
and Table 4 of MP 401.02.28?				
Does the design criteria for percent	VFA meet requirem	ents of Table 1 of MP 401.02.28?	1	

Rev 2 9/10/2014 Page 1 of 2

District Check List for Superpave Asphalt Mix Designs

General Requirements (MP 401.02.28)	Yes	No	N/A
Does the aggregates and RAP used in the mix design meet the requirements of			
section 4.6?			
Do the test results for fine aggregate angularity meet the requirements of section			
4.7?			
Have the requirements found in section 4.8 thru 4.12 been determined?			
Were the requirements in section 4.13 met when a mix design is presented and all			
aggregate material components are the same and a different neat binder grade is used?			
Are all documents included as per the requirements of sections 5.1 thru 5.1.12?			
Please list any deficiencies found with the Mix design review and any appropriate co			
I confirm this asphalt mix design submitted to Materials Control Soils and Testing (MC been reviewed and checked for accuracy and completeness.	S&T) D	ivisio	า has
Signature of District Materials Date Distr	ict Nun	_ nber	
Asphalt Mix Design Reviewer			

The asphalt mix design check list must be completed, signed, and then attached to every design package the District submits to MCS&T Division for acceptance.

Rev 2 9/10/2014 Page 2 of 2