

Alberta Infrastructure and Transportation
ASPHALT MIX DESIGN AND JOB MIX FORMULA SUMMARY SHEET

SECTION A Project Identification Information			
Contract No.:	Highway:	Region:	Contractor:
Project From:	Project To:	Mix Design Consultant:	QA Review Consultant:
Pit Name and Location:		Blend Sand Pit Name and Location:	
Marshall Design No.:	Specified Mix Type:	Date Submitted:	RAP Source and Location:

SECTION B Mix Design Properties			
Combined Aggregate Properties		Design Recommendations	
Bulk Specific Gravity		Virgin Asphalt Content(%)	
% Asphalt Absorption		Total Asphalt Content(%)	
% Manufactured Fines(in -5000 Portion)		Marshall Density (kg/m3)	
% Two Face Fractures		Air Voids (%)	
% One Face Fractures		V.M.A (%)	
% Detrimental Matter Content		V.F.A. (%)	
Plasticity Index		Theoretical Film Thickness	
Fine Aggregate Angularity		Stability (N)	
Asphalt Properties		Flow (mm)	
Asphalt Grade		Retained Stability (%)	
Supplier		NOTE: Complete entire form for mix design submissions. For changes in JMF complete Section A and Section C.	
Specific Gravity			

SECTION C Job Mix Formula or Change in Job Mix Formula				
Aggregate Gradation	%Passing	Aggregate Proportions (%)		
25 000		Coarse		Natural Fines
20 000		Manufactured Fines		Additive_____
16 000		Blend Sand		Chips_____
12 500		Washed MF		RAP
10 000		New Target A. C.		New Film Thick.*
5 000		* Value calculated based upon new JMF aggregate gradation and target asphalt content with other information included in the original mix design(must meet design criteria)		
2 500(Film Thick.)		Reviewed by :		First Lot No. For Change:
1 250		Signature:		Date:
630				
315				
160				
80				

Remarks:

