



ASPHALT CONTENT CORRECTION FACTOR IGNITION METHOD

PROJECT NO.	CONTRACT NO.	ASPHALT TYPE & GRADE
PIT NAME		PIT LOCATION
PROJECT MANAGER		DATE

MAT6-99/96

ACTUAL ASPHALT CONTENT AND SAMPLE PREPARATION

SAMPLE NO.	1	2	3	4	5
A WT. OF DRY AGGREGATE + BASIN + SPOON @ 130 °C					
B TARE OF BASIN + SPOON @ 130 °C (BASIN NO. _____) g					
C WT. OF DRY AGGREGATE A - B g					
D TARGET ASPHALT CONTENT %					
E WT. OF ASPHALT REQUIRED C D / 100 g					
F REQUIRED WT. OF BASIN + SPOON + DRY AGG. + ASP. A+E g					
G ACTUAL WT. OF BASIN + SPOON + DRY AGG. + ASP. g					
H WT. OF ASPHALT ADDED G - A g					
I ACTUAL ASPHALT CONTENT 100 H / C %					

IGNITION BASKET WEIGHT CORRECTION FACTOR FOR TEMPERATURE

BASKET NUMBER	1	2	3	4	5
AA WT. OF IGNITION BASKET @ 538 °C g					
BB WT. OF IGNITION BASKET @ 130 °C g					
CC IGNITION BASKET WEIGHT CORRECTION FACTOR AA - BB g					

ASPHALT CONTENT IGNITION

J WT. OF IGNITION BASKET @ 538 °C (NO. _____) g					
K WT. OF DRY MIX H + C or G - B g					
L WT. OF DRY AGGREGATE + BASKET @ 538 °C (Note) g					
M WT. OF DRY AGGREGATE FROM IGNITION L - J g					
N WT. OF ASPHALT K - M g					
O IGNITION ASPHALT CONTENT 100 N / M %					

Note: Includes ash brushed off pan and spoon after fines correction.

CORRECTION FACTOR

P DIFFERENCE OF ASPHALT CONTENTS I - O %					
Q AVERAGE ASPHALT CORRECTION FACTOR (P1+P2+P3+P4+P5) / 5 %					

GRADATION (% PASSING)

SIEVE SIZE (Fm)	TOPSIZE	12 500	10 000	5 000	1 250	630	315	160	80
FABRICATED SAMPLE									
DESIGN OR TARGET									

Send a copy to the Engineer
REMARKS

MATERIALS TECHNOLOGIST _____