



MAT 6 - 80S/01

# MIX MOISTURE CONTENT AND SUPERPAVE DENSITY DATA SHEET

SHEET \_\_\_\_ of \_\_\_\_

CONTRACT NO.	PROJECT NO.	CONTRACTOR	PRIME CONSULTANT
LOT NO.	QA CONSULTANT		TECHNOLOGIST(S)

### MIX MOISTURE CONTENT

TEST NO.	1	2	3	4	5	
TIME PLACED IN OVEN						
TIME TAKEN OUT OF OVEN						
B WT. OF MOIST SAMPLE + PAN g						
C WT. OF DRY SAMPLE + PAN g						
D WT. OF WATER ( B - C ) g						
E WT.OF PAN (PAN NO. _____) g						
F WT.OF DRY SAMPLE ( C - E ) g						
G MOISTURE CONTENT 100 D / F %						<b>Lot Average</b>

### SUPERPAVE GYRATORY DENSITY

SAMPLE NO.	1A	1B	2A	2B	3A	3B	4A	4B	5A	5B	
H Original Sample Wt. g											
I Dry Wt. 100H/(100+G) g											
Saturated Surface Dry Wt. g											
J Immersed Volume of Sample cm <sup>3</sup>											
K Actual Dry Density @ N <sub>des</sub> 100 I / J kg/m <sup>3</sup>											
L Height of Specimen(0.1 mm) recorded by Gyratory Compactor @N <sub>ni</sub> @N <sub>des</sub>											
M Cal.Dry Density@N <sub>ni</sub> K (L <sub>des</sub> /L <sub>ni</sub> ) kg/m <sup>3</sup>											<b>Lot Average</b>
N Ave Cal.Dry Density@N <sub>ni</sub> (M <sub>A</sub> +M <sub>B</sub> )/2 kg/m <sup>3</sup>											
O Ave. Act. Dry Density @ N <sub>des</sub> (K <sub>A</sub> +K <sub>B</sub> )/2 kg/m <sup>3</sup>											
P Sample G <sub>mm</sub> (From MTD data sheet)											
Q Average % of G <sub>mm</sub> @ C <sub>ini</sub> N/10P %											
R Average % of G <sub>mm</sub> @ C <sub>des</sub> O/10P %											
S Air Voids @ N <sub>des</sub> %											
T V. M. A. @ N <sub>des</sub> %											
U V. F. A. @ N <sub>des</sub> %											

Note: Gyratory samples are compacted to N<sub>des</sub> only, with no conditioning other than bringing the sample to design compaction temperature.

REMARKS: \_\_\_\_\_