DELAWARE DEPARTMENT OF TRANSPORTATION
DOVER, DE (302) 760-2400

MOISTURE-DENSITY RELATIONSHIP

DELAWARE DESIGNATION _____
METHOD_____
TEST NUMBER_____
DENSITY REFERENCE NO. _____

CONTRACT:_____ DATE:_____
SOURCE of MATERIAL:_____ STATION:_____
TYPE of MATERIAL:_____ DEPTH:_____
USE of MATERIAL:_____

A. TRIAL NO.						
B. WET WEIGHT OF SPECIMAN AND MOLD (LBS)						
C. WEIGHT OF MOLD						
D. WET WEIGHT OF SPECIMEN (B-C)						
E. MOISTURE DETERMINATION CAN NO.						
F. WEIGHT OF CAN						
G. WET WEIGHT OF SOIL + CAN						
H. DRY WEIGHT OF SOIL + CAN						
I. WEIGHT OF WATER LOSS (G-H)						
J. WEIGHT OF DRY SOIL (H-F)						
K. MOISTURE CONTENT % $\left(\frac{\mathbf{I}}{\mathbf{J}} * 100\right)$						
L. DRY WEIGHT OF SPECIMEN $\left(\frac{\mathbf{D}}{100+\mathbf{K}}\right) * 100$						
M. DRY DENSITY (lb per ft^3) $(30x\,\mathbf{L})$						