

USE CAPITAL LETTERS

SIZE%

MILITARY
TIME

STATIONIF MILE POST, INPUT DECIMAL

TRACS NUMBER

REMARKSs. % Difference in Counts $[(p-r)/p] \times 100$ Flow (ARIZ 410 or 422)

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1%

WHITE
YELLOW
BLUE

SUPERVISOR & DATE

(Specimens molded by Marshall (4" 6"): Hand) Mechanical) Or Core

METHOD OF DETERMINING SPECIFIC GRAVITY/BULK DENSITY (ARIZ 415):

A C

TEST OPERATOR & DATE PERFORMED

Specimen Height (0.001 in.) =

A= mass in grams of sample in air =

B= mass in grams of SSD sample in air =

C= mass in grams of sample in water =

Bulk O.D. sp. Gr = $\frac{A}{B-C}$ =

% Absorption = $\frac{B-A}{B-C} \times 100$ =

Bulk density (lbs./cu.ft.) =

Marshall Stability Reading =

Stability Correlation Ratio =

Corrected Marshall Stability =

Marshall Flow Reading =

AVERAGE = (Gmb)

RANGE AC MIX BULK DENSITY = Gmb X 62.3=

AVERAGE =

AVERAGE =

Nuclear Gauge
Moisture
Rice Test
Bulk Sp. Gr.
Stability
Flow

								If samples were fan dried, the maximum density is determined utilizing the "Wsd" weight as below:			
FLASK NUMBER	WEIGHT OF FLASK	"Wmm" WEIGHT OF SAMPLE IN AIR	"B" FLASK + WATER	"C" FLASK + WATER + SAMPLE	"Vvm" VOLUME OF VOIDLESS MIX Wmm+B-C	"Gmm" MAXIMUM SPECIFIC GRAVITY $\frac{Wmm}{Vvm}$	MAXIMUM DENSITY LBS.PER CU. FT. 62.3 x Gmm	"Wsd" SURFACE DRY WEIGHT	"Vvm" VOLUME OF VOIDLESS MIX Wsd+B-C	"Gmm" MAXIMUM SPECIFIC GRAVITY $\frac{Wmm}{Vvm}$	MAXIMUM DENSITY LBS. PER CU. FT. 62.3 x Gmm
AVERAGE											
FLASK NUMBER:						REMARKS:					
WT. OF SAMPLE AND FLASK											
WT. OF SAMPLE, FLASK, WATER, AND GLASS PLATE											
WT. OF GLASS PLATE											