Design Package
Attachment #13
01-07

WEST VIRGINIA DIVISION OF HIGHWAYS

FINE AGGREGATE ANGULARITY

AASHTO T-304 (Method A)

Type of Mix: _____

Design ESAL's: _____

Testing Laboratory: _____

Technician: _____

Date: _____

CALIBRATION OF FINE AGGREGATE ANGULARITY MEASURE

A.	Mass of Measure, Glass, Grease, and Distilled Water (18 - 24°C)	(nearest 0.1 g)	_____
B.	Mass of Measure, Glass, and Grease	(nearest 0.1 g)	_____
C.	Mass of Water in Measure (A - B)	(nearest 0.1 g)	_____
D.	Temperature of Water	(nearest 0.2°C)	_____
E.	Density of Water at Temperature D (from AASHTO T19 Tables)	Kg/m^3	_____
F.	Volume of Measure 1000 x (C ÷ E)	(nearest 0.1 mL)	_____

FINE AGGREGATE ANGULARITY TEST

			1st Trial	2nd Trial
G.	Mass of Measure and Aggregate	(nearest 0.1 g)	_____	_____
H.	Mass of Measure	(nearest 0.1 g)	_____	_____
J.	Mass of Aggregate (G - H)	(nearest 0.1 g)	_____	_____
K.	Oven Dry Specific Gravity		_____	_____
L.	Volume of Measure (F)	(nearest 0.1 mL)	_____	_____
M.	Uncompacted Voids	(nearest 0.1%)	_____	_____
N.	Average Uncompacted Voids	(nearest 1%)	_____	

$M = ((L - (J \div K)) \div L) \times 100$

$N = (M_{1st} + M_{2nd}) \div 2$

Fine Aggregate Angularity Requirement: _____

Meets Specification Requirement (Y/N): _____