

Evaluation of '2002' - Dynamic Modulus Equipment

NEAUPG Annual Meeting
October 23, 2003

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E* Chamber



Coring



Sawing



Buttons



Template

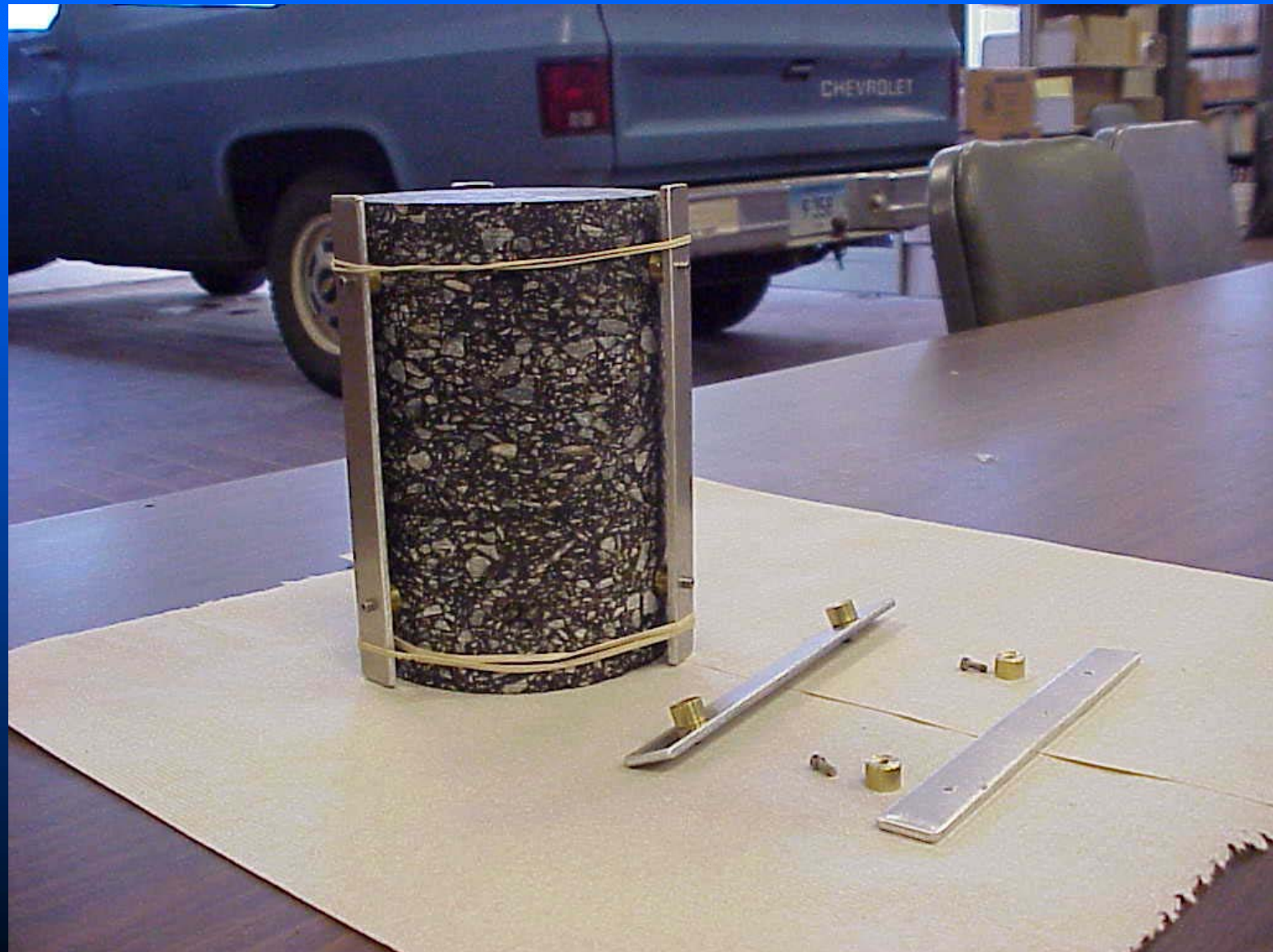


TABLE 1: ROUND ROBIN RESULTS FOR 21.1C

Shown are highest and lowest E* values for the 9 labs

Sweep	Round Robin Average	High		Low		E* Ratio
		E*	Strain, ms	E*	Strain, ms	
25 Hz	8,156	11,106	25	6,356	107	1.75
10 Hz	6,560	9,367	31	5,179	111	1.81
5 Hz	5,588	7,972	35	4,403	94	1.81
1 Hz	3,605	5,552	50	2,781	60	2.00
0.5 Hz	2,903	4,648	59	2,303	48	2.02
0.1 Hz	1,859	2,993	91	1,461	50	2.05

Table 2. E* State HMAs at 21.1C and 1 Hz

	E*	Strain, ms		F*	Strain, ms
Connecticut			Massachusetts		
#1	2,783	156	#1	3,424	115
#2	4,281	102	#2	3,524	112
Illinois			Nebraska		
#1	8,416	54	#1	2,313	164
#2	4,364	89	#2	2,814	138
California			Montana		
#1	13,057	30	#1	2,955	131
#2	11,302	39	#2	3,534	112
N Carolina			Nevada		
#1	3,344	82	#1	2,962	128
#2	2,407	128	#2	5,228	75

Conditioning Time versus Temperature

