$NorthEast\ Transportation\ Training\ \&\ Certification\ Program$

Date/Time:				Lab/Location:					
Weather:				Date Rec'd #:		R	andom Sample:	Yes No	
Project:				Lab Login #:			Lot #:	100 110	
Contract #:			Material ID:			Sublot #:			
Contractor:			Material #:			Sample Location:			
Pay Item #:				Sample #:			Station:		
Source:				Sample Type:	QC A-V IA DI	R Other	Offset:		
Plant Type:			Sam	pled By/Cert. #:					
Moistu	re Content	(T 329)		Asphalt (Content of H	IMA by Extra	action Metho	d (T 164)	
Sample	Wet Mass (A):		Initial Sam	ple Mass (W ₁ i):		Extracted A	gg.+ Pan (W ₃ p):		
Sample	e Dry Mass (B):		Corrected Sample Mass (W ₁):			Pan Tare Mass (P):			
Water N	lass (C): (A - B)		(W ₁ i / (1-	·(.01*M)))		Extracted Agg. (W ₃): (W ₃ p-P):			
% N	loisture (M):		Initial Filter Mass (Fi):			Total Agg. Mass: (W ₃ + W ₄)			
(100*((A-B)/B))			Final Filter Mass (Ff):			PG Binder Mass (Wpg):			
Note:			Fines on Filter (W₄f): (Ff - Fi)			$(W_1 - (W_3 + W_4))$			
Total Ash Correction from Form T111				orrection (W ₄ a):		%PG Binder (Pb):			
HMA Temperature			Mineral Matter Mass (W ₄):				W ₁)*100)		
Sar	nple Temp, ºC:		(W ₄ f -	· W ₄ a)			PG Binder JMF:		
		ı		nalysis of E			i i		
		Mass	Percent		cent	Job Mix	+ / -		
Sieve, i	,	Retained	Retained	Pass	sing	Formula	Tolerance	Varia	ance
1 1/2	` '								
1 (:									
3/4									
1/2 (12.5)									
3/8									
#4 (4.75) #8 (2.36)									
#16 (
#30 (600 µm) #50 (300 µm)									
#100 (1									
#200 (
P/						<u>l</u>			
		io Crovity of	Compacted	HMA (T 166)	1				
Specimen #				111117 (1 100)					
Specimen#	Mass in Air			Volume					
Specimen#	Mass in Air	Mass in H ₂ O		Volume	G _{mb}				
Specimen#	Mass in Air			Volume					
Specimen#	Mass in Air			Volume					
Specimen#	Mass in Air		SSD Mass	Volume m Specific G	G _{mb}	A (T 209)			
<i>Зресппеп #</i>	Mass in Air		SSD Mass Maximui		G _{mb}	A (T 209)			
Specimen#	Mass in Air (A)	Mass in H ₂ O	SSD Mass Maximui	n Specific G	G _{mb}	A (T 209)	Unit Weight	A = S	ample
		Mass in H ₂ O	SSD Mass Maximum Method	n Specific G Flask N	G _{mb}		Unit Weight		ample n. + H2O
		Mass in H ₂ O	SSD Mass Maximum Method	n Specific G Flask N	G _{mb}		Unit Weight		n. + H2O
		Mass in H ₂ O	SSD Mass Maximum Method	n Specific G Flask N	G _{mb}		Unit Weight	D = Pycr	n. + H2O
		Mass in H ₂ O Bowl N Pyc on weigh below	SSD Mass Maximum Method	n Specific G Flask N	G _{mb} ravity of HM Method (E) Average:	G _{mm}	Unit Weight	D = Pycr E = Pycn.	n. + H2O + H2O + A
		Mass in H ₂ O Bowl N Pyc on weigh below	Maximui Method Pyc and Sample on Weinh Belron	n Specific G Flask N	G _{mb} ravity of HM Method (E) Average:	G _{mm}		D = Pycr E = Pycn.	n. + H2O + H2O + A
Specimen #	(A)	Mass in H ₂ O Bowl N Pyc on weigh below Volumetri	Maximul Method Pyc and Sample on Weinh Release C Analysis	m Specific G Flask M (D)	G _{mb} ravity of HM //ethod (E) Average:	G _{mm}	Stability an	D = Pycr E = Pycn. d Flow (T 24	n. + H2O + H2O + A
Specimen #	(A)	Mass in H ₂ O Bowl N Pyc on weigh below Volumetri	Maximul Method Pyc and Sample on Weinh Release C Analysis	m Specific G Flask M (D)	G _{mb} ravity of HM //ethod (E) Average:	G _{mm}	Stability an	D = Pycr E = Pycn. d Flow (T 24	n. + H2O + H2O + A
Specimen #	(A)	Mass in H ₂ O Bowl N Pyc on weigh below Volumetri	Maximul Method Pyc and Sample on Weinh Release C Analysis	m Specific G Flask M (D)	G _{mb} ravity of HM //ethod (E) Average:	G _{mm}	Stability an	D = Pycr E = Pycn. d Flow (T 24	n. + H2O + H2O + A
Specimen #	(A)	Mass in H ₂ O Bowl N Pyc on weigh below Volumetri	Maximul Method Pyc and Sample on Weinh Release C Analysis	m Specific G Flask M (D)	G _{mb} ravity of HM //ethod (E) Average:	G _{mm}	Stability an	D = Pycr E = Pycn. d Flow (T 24	n. + H2O + H2O + A
Specimen #	(A)	Mass in H ₂ O Bowl N Pyc on weigh below Volumetri	Maximul Method Pyc and Sample on Weinh Release C Analysis	m Specific G Flask M (D)	G _{mb} ravity of HM //ethod (E) Average:	G _{mm}	Stability an	D = Pycr E = Pycn. d Flow (T 24	n. + H2O + H2O + A
Specimen #	(A)	Mass in H ₂ O Bowl N Pyc on weigh below Volumetri	Maximul Method Pyc and Sample on Weinh Release C Analysis	m Specific G Flask M (D)	G _{mb} ravity of HM //ethod (E) Average:	G _{mm}	Stability an	D = Pycr E = Pycn. d Flow (T 24	n. + H2O + H2O + A
Specimen #	(A)	Mass in H ₂ O Bowl N Pyc on weigh below Volumetri	Maximul Method Pyc and Sample on Weinh Release C Analysis	m Specific G Flask M (D)	G _{mb} ravity of HM //ethod (E) Average:	G _{mm}	Stability an	D = Pycr E = Pycn. d Flow (T 24	n. + H2O + H2O + A
Specimen # Specimen # Comments:	(A)	Mass in H ₂ O Bowl N Pyc on weigh below Volumetri	Maximul Method Pyc and Sample on Weinh Release C Analysis	m Specific G Flask M (D)	G _{mb} ravity of HM //ethod (E) Average: H Dial Reading	G _{mm} MA Marshal Corr. Factor	Stability an	D = Pycr E = Pycn. d Flow (T 24	n. + H2O + H2O + A

Test Results Within Engineering Limits: