$\begin{array}{l} M\&T-514QA/QC\\ Rev.\ 02/11 \end{array}$

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS CONTROL STRIP DENSITY

Crom Sta.	
STANDARD COUNTS Density Core No.	
STANDARD COUNTS Density Core No. Sta. %Compaction % % % % % % % % %	
Density	
Core No. Sta. %Compaction System 1System 2 Allowable Standard Count Range+1.0% System 1 - 1.0%	
System 2	
Allowable Standard Count Range +1.0% System 1 - 1.0%	
+1.2% System 2 - 1.2%	
+1.2% System 2 - 1.2%	
Sest Station ASPHALT (Wet Density) 1	
1	
2	
3	
4	
5	
6	
7	
8	
9	
AVG. (PCF) ASPHALT TARGET DENSITY	(B)
Average of Control Strip (PCF) + Average of Cores (B+A) 100 = (C) Target Dens A = Core Sample Average B = Average PCF of Control Strip C = Correlated Target	ity (PCF)
c: *Resident Engineer [White] *QA Copy Only QA/QC Technician [Gold]	Density
Print Name Legibly w/ HiCAMS #:	Density

NOTE: By providing this data under my signature and/or HiCAMS certification number, I attest to the accuracy and validity of the data contained on this form and certify that no deliberate misrepresentation of test results, in any manner, has occurred.

North Carolina Department of Transportation Division of Highways **Density Gauge Test Section**

M&T - 516 QCRev. 11/11

	-							Crew No		
Map/Route No Contractor Layer Gauge Serial No			r J.M.F							
_ayer	Ga	uge Serial N	No	Sta	andard Count	ts (nuclear ga	uge only) S	Sys1	Sys2	
	Core Sam	ple Avg	%	Avg. of gau	ige readings		PCF Co	orrelated Target De	nsity	PCF
	Inter	im Density (Calculated	Target: 62.4	1 PCF x	Gmm	=		_Calculated Ta	rget PCF
Test Sect	i. No.	Be	gin Sta.		End Sta	a.	L	ength:	/5 =	Increments
Randor	n No.	Incren	nents	Randon	n (calc.)	T	est Site Lo	ocation	Densi	ty Readings
Length	Width	Length	Width	Length	Width	Station	Offset	Lane	PCF	%
A	В	С	D	A x C =	B x D =					
Comments								Test Section Average		Pass Fail
T					- I - I - I - I					<u> </u>
Test Sect			egin Sta.	D - 1	End Sta			ength:	/5 =	Increments
Randor		Incren		Randon	r `		est Site Lo Offset	_	PCF	ty Readings
Length A	Width B	Length C	Width D	Length A x C =	Width B x D =	Station		Lane		%
Comments:	:							Test Section Average		Pass Fail
Test Sect	t. No.	Be	gin Sta.		End Sta	a.	L	ength:	/5 =	Increments
Randor	n No.	Incren		Randon	n (calc.)	T	est Site Lo	ocation	Densi	ty Readings
Length A	Width B	Length C	Width D	Length A x C =	Width B x D =	Station	Offset	Lane	PCF	%
Comments:	<u> </u>	<u> </u>	1				1	Tost Costi		
								Test Section Average		Pass Fail
At end of	production	n for the day	y, calculate	lot average	by averaging	g test section	results: Da	aily Lot Avera	ge	Pass Fail Pass / Fail
		bly w/HiC/						HiCAMs of and validition	certification num ty of the data cor	der my signature and ber, I attest to the ac atained on this form a disrepresentation of to

Note: (1) All failing lots must be documented by Resident Engineer on the QA-2B form. Contractor must be notified by letter of any pay adjustment or pavement removal.

results, in any manner, has occurred.

cc: Resident Engineer [White] QC Technician [Gold]

North Carolina Department of Transportation Division of Highways Density Gauge Test Section

M&T - 515 QA Rev. 11/11

Map/Route No.
Core Sample Avg
Interim Density Calculated Target: 62.4 PCF x
Fest Sect. No. Begin Sta. End Sta. Length: /5 =
Fest Sect. No.
Random No.
Length Width Length Width Length Width Station Offset Lane PCF %
Comments:
Average (%)
Comments Comments
QC Test Average (%) Within Limits of Precision Yes No Test Sect. No. Begin Sta. End Sta. Length: /5 = Increments Random No. Increments Random (calc.) Test Site Location Density Readings Length Width Length Width Station Offset Lane PCF % A B C D Ax C = Bx D =
Fest Sect. No. Begin Sta. End Sta. Length: /5 = Increments
Test Sect. No. Begin Sta. End Sta. Length: /5 = Increments Random No. Increments Random (calc.) Test Site Location Density Readings Length Width Length Width Length Width Station Offset Lane PCF % A B C D A x C = B x D = Comments: Test Section Average (%) Pass Fail Within Limits of Precision Yes No
Random No. Increments Random (calc.) Test Site Location Density Readings Length Width Length Width Length Width Station Offset Lane PCF % A B C D AxC= BxD= Comments: Test Section Average (%) QC Test Average (%) Yes No
Random No. Increments Random (calc.) Test Site Location Density Readings Length Width Length Width Length Width Station Offset Lane PCF % A B C D AxC= BxD= Comments: Test Section Average (%) QC Test Average (%) Yes No
Random No. Increments Random (calc.) Test Site Location Density Readings Length Width Length Width Length Width Station Offset Lane PCF % A B C D AxC= BxD= Comments: Test Section Average (%) QC Test Average (%) Yes No
Length Width Length Width Length Width Station Offset Lane PCF %
A B C D AxC = BxD =
Test Section Average (%) QC Test Average (%) Yes No
Average (%) QC Test Average (%) QV Test Average (%) Yes No
Average (%) QC Test Average (%) QV Test Average (%) Yes No
Average (%) QC Test Average (%) QV Test Average (%) Yes No
Average (%) QC Test Average (%) QV Test Average (%) Yes No
Average (%) QC Test Average (%) QV Test Average (%) Yes No
Average (%) QC Test Average (%) QV Test Average (%) Yes No
(%) QC Test Average (%) Pass Fail Within Limits of Precision Yes No
QC Test Average (%) Within Limits of Precision Yes No
QC Test Average (%) of Precision Yes No
Average (%) Yes No
Yes No
D. V. A. W. GEGLEV V.
*Print Name Legibly w/HiCAMs No
*By providing this data under my signature and/or HiCAMs certification number, I attest to
the accuracy and validity of the data contained
on this form and certify that no deliberate misrepresentation of test results, in any manner,