TL-59 C (05/16)

Asphalt Concrete Density Quality Control (QC) Test Report – 2016 Pilot Specification Only

Project/Schedule Number:	_____	Item Number:	_____
Route Number:	_____	County:	_____
From (Station, MP, Int., etc.):	_____	To (Station, MP, Int., etc.):	_____
Direction (e.g. NB, SB, etc.)	_____	Lane (Inside, Center, Right, etc):	_____
QC Lot #:	_____	Application Rate (lbs/sy):	_____
Asphalt Mix Type:	_____	Asphalt Job Mix Number:	_____
Nuclear Gauge Model Number:	_____	Gauge Calibration Date:	_____
Nuclear Gauge Serial Number:	_____	Depth Setting (in/mm):	_____

Control Strip Information:

1. Control Strip Number and Date   _____   _____

2. Target Density from Control Strip   _____ lbs/ft^3 Informational Only

3. Minimum Density (98% Of Control Strip Target Density)   _____ lbs/ft^3 Informational Only

4. Maximum Density (102% Of Control Strip Target Density)   _____ lbs/ft^3

5. Last 5 Sample Gmm Average   _____

QC Testing Results By Nuclear Gauge:

Sub-lot No.	Location Distance	Location Offset	Nuclear Density @ Core Location Informational Only lbs/ft^3	**%Gmm[1] from Page 2**	Nuclear Joint Density lbs/ft^3 Left (C or U)*	Nuclear Joint Density lbs/ft^3 Right (C or U)*
1	_____	_____	_____	_____	_____	_____
2	_____	_____	_____	_____	_____	_____
3	_____	_____	_____	_____	_____	_____
4	_____	_____	_____	_____	_____	_____
5	_____	_____	_____	_____	_____	_____
6	_____	_____	_____	_____	_____	_____
7	_____	_____	_____	_____	_____	_____
		Average:		_____	_____	_____

Does the QC Test Section:(check one)   PASS   FAIL   * - C = Confined Jt, U = Unconfined Jt

Note 1: Compare %Gmm to Table III-5 315.05 e. 1(b)

Comments: _____

_____

QC Technician: _____   **Date:** _____

Observed By: _____

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Route Number: _____   County: _____

From (Station, MP, Int., etc.): _____   To (Station, MP, Int., etc.): _____

Direction (e.g. NB, SB, etc.) _____   Lane (Inside, Center, Right, etc): _____

QC Lot #: _____   Application Rate (lbs/sy): _____

Asphalt Mix Type: _____   Asphalt Job Mix Number: _____

Asphalt Core Density Worksheet

Last 5 Sample Gmm Average:_____

Distance/Sublot	A	B	C	D	E	F	Gmb	%Gmm
	Weight in Air	Weight in Water	Basket Tare Wt.	Wt. in Water (B-C)	SSD Wt. in Air	Volume (E-D)	Gmb=. A/F	%Gmm= Gmb÷(Avg. Gmm)
1								
2								
3								
4								
5								
6								
7								

Remarks:_____
_____
_____
_____

QC Technician: _____   **Date:** _____

Observed By: _____