

**RHODE ISLAND DEPARTMENT OF TRANSPORTATION  
MATERIALS MANAGEMENT  
CORE DENSITY TESTING OF HMA REPORT**

Office  
Resident: \_\_\_\_\_

Item No: \_\_\_\_\_

RI Contract No: _____	PTSID: _____	Date Paved: _____
Project: _____		Date Cored: _____

Acceptance       Independent       Info Only       P. Engineering

**Pavement Details / Notes:**

**Design Lift Thickness (in.):**

	Pavement Type:	Plant:
<b>A</b>	Plant Lab Density (lbs/ft <sup>3</sup> ):	Core Numbers:

**Lot Details / Notes:**

	Lot Begin (station):	Lot End (station):
	Total Length of Lot (ft):	Minimum No. Tests:

Core Number					
<b>B</b>	Sublot Begin (station):				
<b>C</b>	Length of Sublot (ft):				
<b>D</b>	Random # 1 (0.0001 – 1.0000):				
<b>E</b>	Random Length (ft): <b>[C x D]</b>				
<b>F</b>	Random Station: <b>[B+E]</b>				
<b>G</b>	Width @ Location E (ft):				
<b>H</b>	Random # 2 (0.0001 – 1.0000):				
<b>I</b>	Random Offset (ft): <b>[G x H]</b>				
<b>J</b>	Field Nuclear Density # 1 (lbs/ft <sup>3</sup> ):				
<b>K</b>	Field Nuclear Density # 2 (lbs/ft <sup>3</sup> ):				
<b>L</b>	Average Density (lbs/ft <sup>3</sup> ): <b>[(J+K)÷2]</b>				
<b>M</b>	% of Plant Lab Density: <b>(L÷A)x100</b>				
	Specification				

Remarks: \_\_\_\_\_

Field Technician \_\_\_\_\_ (Sign/Print)      Date \_\_\_\_\_

**Lab Bulk Specific Gravity**

**Lab No:** \_\_\_\_\_

Mass of the Dry Specimen in air (g):				
Mass of the Specimen in Water (g):				
Mass of the SSD Specimen in air (g):				
Bulk Specific Gravity:				
Average Thickness of Core (in):				

**Meets Spec**       **Does Not Meet Spec**       **Info Only**

Technician \_\_\_\_\_ (Sign/Print)      Date \_\_\_\_\_      Reviewed By \_\_\_\_\_ (Sign/Print)      Date \_\_\_\_\_