

**RHODE ISLAND DEPARTMENT OF TRANSPORTATION
MATERIALS AND QUALITY ASSURANCE
CORE DENSITY TESTING OF HMA REPORT**

Item No: _____

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

Acceptance Independent Info Only P. Engineering

Pavement Details / Notes:

Design Lift Thickness (in.):

	Pavement Type:		Plant:
A	Plant Lab Density (lbs/ft ³):		Core Numbers:

Lot Details / Notes:

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

	Core Number				
B	Sublot Begin (station):				
C	Length of Sublot (ft):				
D	Random # 1 (0.0001 – 1.0000):				
E	Random Length (ft): [B x C]				
F	Random Station: [A+D]				
G	Width @ Location E (ft):				
H	Random # 2 (0.0001 – 1.0000):				
I	Random Offset (ft): [F x G]				
J	Field Nuclear Density # 1 (lbs/ft ³):				
K	Field Nuclear Density # 2 (lbs/ft ³):				
L	Average Density (lbs/ft ³): [(J+K)÷2]				
M	% of Plant Lab Density: (L÷A)x100				
	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** **Not Applicable**

Technician (Sign/Print) _____ Date _____

Reviewed By (Sign/Print) _____ Date _____