

**R. W. Gillespie & Associates, Inc.**

LETTER OF TRANSMITTAL

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P.O. Box 289, Augusta, ME 04332 207-623-4914  
200 Int'l Drive, Suite 170, Portsmouth, NH 03801 603-427-0244

Date:	24 August 2011	Project No.:	0557-014
Attention:	Mr. Cuyler Feagles (cmf@portlandmaine.gov)		
Re:	Laboratory Testing Terminal Enhancement, Portland Int. Jetport Johnson Rd/Turnpike Connector Portland, Maine		

City of Portland, Portland Int. Jetport

1001 Westbrook Street

Portland, Maine 04102

We are sending you attached laboratory test results.

Laboratory No. (s)

Test (s) Performed

12018

Asphalt Core

Remarks:

Results meet project specifications.

Copy To:

Roy Williams: rsw@portlandmaine.gov  
Arthur Laferrier: apj@portlandmaine.gov  
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Signed: Bertha A. Dawn

## Asphalt Core Results

ASTM D 2726 - Standard Test Method for Determining Bulk Specific Gravity and Density of Non-Absorptive Compacted Bituminous Mixtures

Project:	Portland Jetport - Johnson Rd. Connecticut
Project No:	0557-014-02
Date Paved:	8/17 & 18/2011
Date Cut:	August 22, 2011
Date Tested:	August 23, 2011

Lab No.:	12018
Mix Type:	19 mm & 12.5mm
Supplier:	Commercial Paving
Tested by:	TDT
Cores Cut by:	MAO

19.0mm Theoretical Maximum Density ( $G_{mm}$ ): 2.538

12.5mm Theoretical Maximum Density ( $G_{mm}$ ): 2.497

Core Number	Location	Bulk Specific Gravity ( $G_{mb}$ )	Density (pcf)	Percent Compaction ( $G_{mb}/G_{mm}$ ) x 100	Thickness (inches)	Core Barrel Inside Dia. (inches)
C-1a (19.0mm)	Corner Skyway Dr. NB Spur +80'W	2.416	150.8	95%	3 3/8"	5.675
C-1b (12.5mm)	Corner Skyway Dr. NB Spur +80'W	2.345	146.3	94%	2 5/8"	5.675
C-2a (19.0mm)	Corner Skyway Dr. NB Spur +40' S	2.456	153.3	97%	2 1/2"	5.675
C-2b (12.5mm)	Corner Skyway Dr. NB Spur +40' S	2.369	147.8	95%	3"	5.675

Notes: Thickness Required for 19mm = 3" +/- 1/2" and for two layers of 1 1/2" 12.5mm = 3" +/- 1/2"

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*MTG*