

R. W. Gillespie & Associates, Inc.

86 Industrial Park Road, Suite 4, Saco, ME 04072 207-286-8008
P.O. Box 289, Augusta, ME 04332 207-623-4914
200 Int'l Drive, Suite 170, Portsmouth, NH 03801 603-427-0244

LETTER OF TRANSMITTAL

City of Portland, Portland Int. Jetport
1001 Westbrook Street
Portland, Maine 04102

Date:	September 14, 2010	Project No.:	557-14
Attention:	Mr. Cuyler Feagles (cmf@portlandmaine.gov)		
Re:	Laboratory Testing Terminal Enhancement, Portland Int. Jetport Portland, Maine		

We are sending you attached laboratory test results.

Laboratory No. (s)	Test (s) Performed
11509	Asphalt Theoretical Max. Density Results
11516	Asphalt Core Results

Remarks:

Copy To: Roy Williams: rsw@portlandmaine.gov
Jim Stanislaski: jim_stanislaski@gensler.com
Cliff Takara: clifford_takara@gensler.com
Lacey Fogg: Lacey.Fogg@amec.com
Mike Fusco: mfusco@tcco.com
Shaun Winner: swinner@tcco.com
Phil Coleman: pcoleman@tcco.com
Elizabeth O'Toole: eotoole@tcco.com
TMM@portlandmaine.gov
ldobson@portlandmaine.gov

bcyculski@tcco.com
rdixon@tcco.com
gmitchell@tcco.com
dlasher@tcco.com

Signed: Suzan A. Michaud

If enclosures are not as noted, kindly notify us at once.

Asphalt Theoretical Maximum Density Results

Project: Terminal Enhancement Project No.: 557-14 Date Paved: September 10, 2010 Date Tested: September 10, 2010 Lab No.: 11509	Supplier: Pike Ind. Mix Type: 19.0 mm Mix Design No.: 491 Sampled by: MJK Tested by: TDT	
--	---	--

Sample	Location	Mass in Air (grams)	Mass in Water (grams)	Calibration (grams)	Theoretical Maximum Density (G _{mm}):
Load #6	8:20 AM, 115.56 tons Ticket # 72168111	2008.1	2573.8	1363.3	2.518
					157.1

MJC

Notes: Total Tons = 585.79

R.W. GILLESPIE & ASSOCIATES, INC.

86 Industrial Park Rd., Suite 4, Saco ME 04072, 207-286-8008 / 200 Intl Dr., Suite 170, Portsmouth NH 03801, 603-427-0244

Asphalt Core Results

Project:	Terminal Enhancement
Project No:	557-14
Date Paved:	September 10, 2010
Date Cut:	September 13, 2010
Date Tested:	September 14, 2010

Lab No.:	11516
Mix Type:	19 mm Binder (Mix #491)
Supplier:	Pike Ind.
Tested by:	MCS
Cores Cut by:	MJK

Theoretical Maximum Density (G_{mm}): 2.518

Core Number	Location	Bulk Specific Gravity (G_{mb})	Density (pcf)	Percent Compaction (G_{mb}/G_{mm}) x 100	Thickness (inches)
C-1	Parking Lot - See Sketch	2.385	148.8	95%	2"
C-2	Parking Lot - See Sketch	2.392	149.3	95%	2"
C-3	Parking Lot - See Sketch	2.402	149.9	95%	2 3/4"

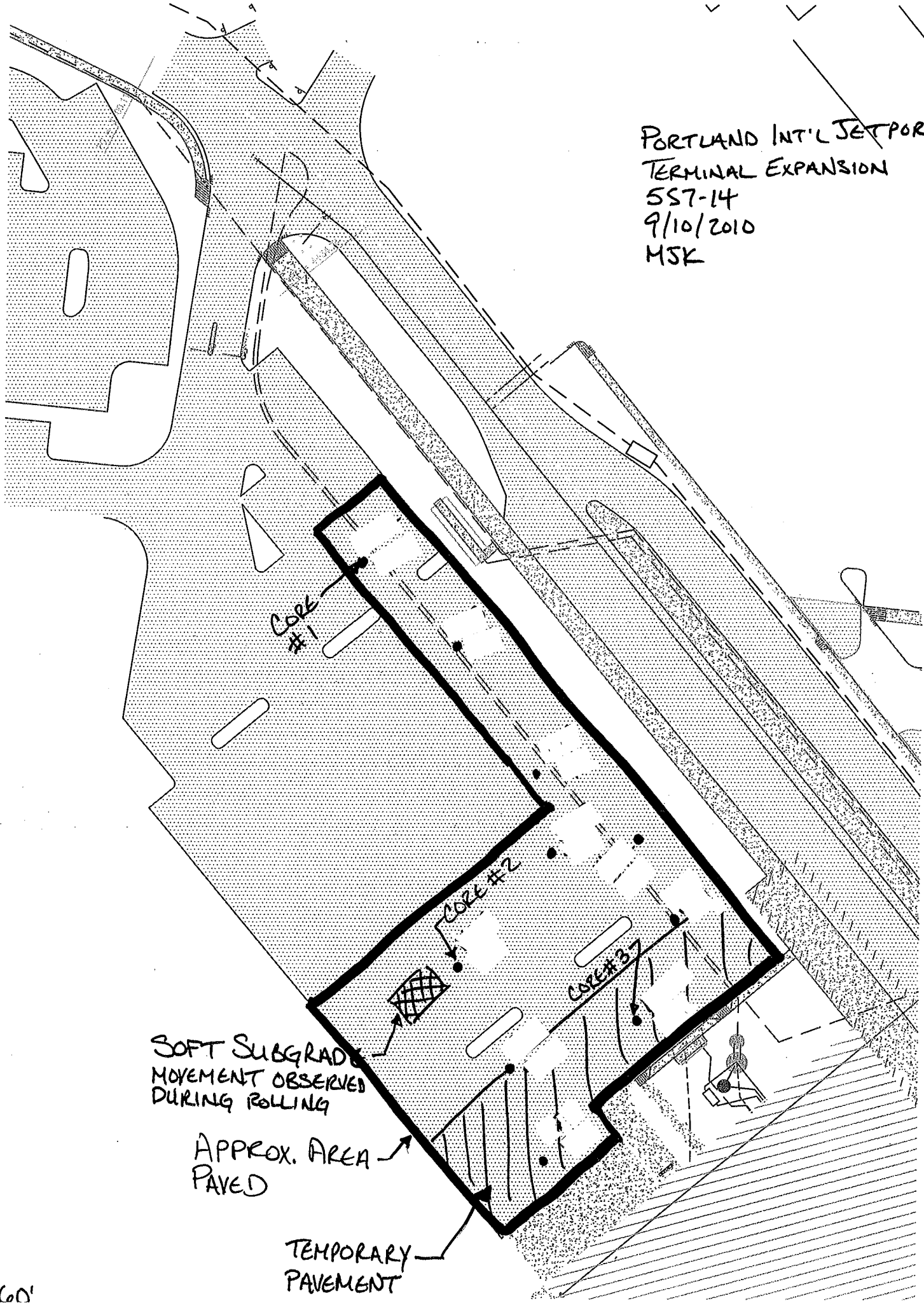
Notes: Minimum required thickness is 2" plus or minus 1/2" for parking lots. Density requirement = 90% to 96% of TMD. Cores meet specification requirements.

R.W. GILLESPIE & ASSOCIATES, INC.

86 Industrial Park Rd., Suite 4, Saco ME 04072, 207-286-8008 / 200 Int'l Dr., Suite 170, Portsmouth NH 03801, 603-427-0244

MCS

PORTLAND INT'L AIRPORT
TERMINAL EXPANSION
557-14
9/10/2010
MSK



SOFT SUBGRADE
MOVEMENT OBSERVED
DURING ROLLING

APPROX. AREA
PAVED

TEMPORARY
PAVEMENT

1" = 60'