

R. W. Gillespie & Associates, Inc.

86 Industrial Park Road, Suite 4, Saco, ME 04072 207-286-8008  
200 International 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:	July 16, 2010	Project No.:	557-14
Attention:	Mr. Cuyler Feagles (cmf@portlandmaine.gov)		
Re:	Concrete Testing Terminal Enhancement, Portland Int. Jetport Portland, Maine		

We are sending you attached concrete cylinder test results.

Cylinder No. (s)	Age (Days)
66185	7

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  
rdixon@tcco.com  
gemitchell@tcco.com

Signed: Bertha Dawn

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**CONCRETE TEST/PLACEMENT REPORT**

<b>Project Name:</b>	Terminal Enhancement, Portland Int. Jetport	<b>Date Cylinders Cast:</b>	09-Jul-10
<b>Project No:</b>	557-14	<b>Concrete Supplier:</b>	Auburn
<b>Weather Conditions:</b>	Sunny	<b>General Contractor:</b>	Turner
<b>Method of Placement:</b>	Pump	<b>Design Strength:</b>	4,000
<b>Admixtures:</b>	Mid Range Water Reducer	<b>Max Agg. Size:</b>	3/4
<b>Placement Location:</b>	Area C: Walls 10' North of XJ/Y0.5 - Y1.5, Y1.5/10' North of XJ - 10' North of XK, 10' North of XK/Y1.5 - Y1, XM/Y1.5 - Y1; Area B: Footing Y8/XF - XH		
<b>Test Cylinder Location:</b>	Area C: Walls 10' North of XJ/Y0.5 - Y1.5 and Y1.5/10' North of XJ - 10' North of XK		

JUL 19 2010

**Date Report Issued:**

4x8 Cylinders	4	Cast by	Michael J. Kramlich	Time	
Load No.	1	Slump (in) ASTM C 143	4.75	Batched @	12:18
Ticket No.	167146	Air (°F)	78	Arrived @	12:40
Truck No.	95	Concrete (°F) ASTM C 1064	85	Total Time	45
Cubic Yds.	9	Air Content (%) ASTM C 231	4.5		

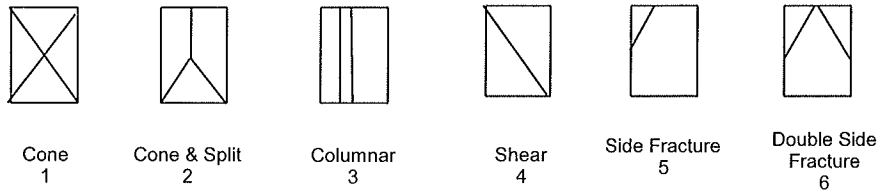
\*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 3  
 Date received 12-Jul-10  
 Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in <sup>2</sup> )	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
66185	16-Jul-10	4.017	12.67	7	50,080	3950	2
66186	06-Aug-10			28			
66187	06-Aug-10			28			
66188	HOLD			HOLD			

\*Concrete compressive strength by ASTM C 39

**Types of Breaks**



Load	Ticket Number	Truck Number	Cubic Yds	Slump (inches)	Air Temp (°F)	Conc Temp (°F)	(%) Air Content	Time (min.)
2	167147	96	9	--	--	--	--	45
3	167148	94	9	--	--	--	--	50
4	167149	95	10	--	--	--	--	45
5	167150	96	10	--	--	--	--	35

Remarks: Curing Temperatures: Max = 90°, Min = 69°

Checked by:   
 Matthew T. Grady, Manager of MTS