

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 13, 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)
65131	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

Project Name:	Terminal Enhancement, Portland Int. Jetport	Date Cylinders Cast:	06-Jul-10
Project No:	557-14	Concrete Supplier:	Auburn
Weather Conditions:	Sunny	General Contractor:	Turner
Method of Placement:	Pump	Design Strength:	4,000
Admixtures:	Mid Range Water Reducer	Max Agg. Size:	3/4
Placement Location:	Footings: XJ/Y0.5 - Y1.5 + XJ - 5' North of XK/Between Z1 & Z2; Foundation Walls: Y1/5' North of XK - XM	Date Report Issued:	JUL 1 1 2010
Test Cylinder Location:	Footings: XJ/Y0.5 - Y1.5		

4x8 Cylinders	4	Cast by	Michael J. Kramlich	Time	
Load No.	1	Slump (in) ASTM C 143	3.5	Batched @	12:27
Ticket No.	167117	Air (°F)	91	Arrived @	12:49
Truck No.	86	Concrete (°F) ASTM C 1064	91	Total Time	35
Cubic Yds.	10	Air Content (%) ASTM C 231	4.8		

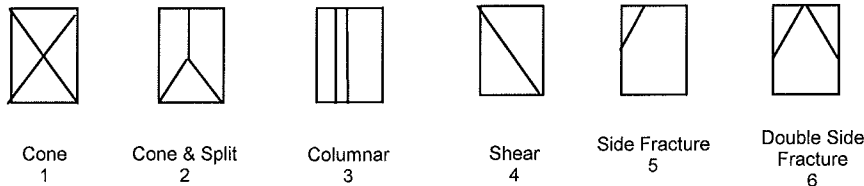
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1
 Date received 07-Jul-10
 Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
66131	13-Jul-10	4.016	12.67	7	54,260	4280	2
66132	03-Aug-10			28			
66133	03-Aug-10			28			
66134	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	167118	94	10	--	--	--	--	40
*3	167119	84	5/10	--	--	91/94	--	40
**4	167123/ 167125	86	7	--	--	87	--	45

Remarks: Curing Temperatures: Max = 92°, Min = 84°

*Load 3 was rejected due to high temperature. 5 yards were placed in foundation walls.

**Load 4 had 2 batch slips. 10 bags of ice were added in lieu of water.

Checked by: Matthew T. Grady
 Matthew T. Grady, Manager of MTS