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

Date:	Project No.:
August 3, 2010	557-14
Attention: Mr. Cuyler Feagles (cmf@portlandmaine.gov)	
Re: Concrete Testing Terminal Enhancement, Portland Int. Jetport Portland, Maine	

City of Portland, Portand Int. Jetport

1001 Westbrook Street

Portland, Maine 04102

We are sending you attached concrete cylinder test results.

Cylinder No. (s)	Age (Days)
66132	28
66133	28

Remarks:

Copy To:
Roy Williams: rsw@portlandmaine.gov
Jim Stanislaski: jim_stanislaski@gensler.com
Cliff Takara: clifford_takara@gensler.com
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ldobson@portlandmaine.gov
rdixon@tcco.com
gemitchell@tcco.com

Signed: Bertha Dawn

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

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CONCRETE TEST/PLACEMENT REPORT

Project Name: Terminal Enhancement, Portland Int. Jetport
Project No: 557-14
Weather Conditions: Sunny
Method of Placement: Pump
Admixtures: Mid Range Water Reducer
Placement Location: Footings: XJ/Y0.5 - Y1.5 + XJ - 5' North of XK/Between Z1 & Z2; Foundation Walls: Y1/5' North of XK - XM
Test Cylinder Location: Footing: XJ/Y0.5 - Y1.5

Date Cylinders Cast: 06-Jul-10
Concrete Supplier: Auburn
General Contractor: Turner
Design Strength: 4,000
Max Agg. Size: 3/4
Date Report Issued: AUG 0 3 2010

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		

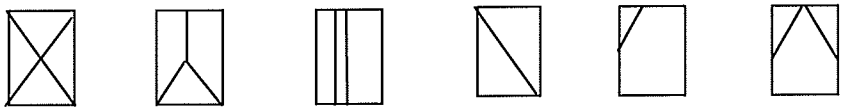
*Concrete sampled by ASTM C 172

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	4.020	12.69	28	67,420	5310	2
66133	03-Aug-10	4.020	12.69	28	68,220	5380	3
66134	HOLD			HOLD			

*Concrete compressive strength by ASTM C 39

Types of Breaks



Cone 1 | Cone & Split 2 | Columnar 3 | Shear 4 | Side Fracture 5 | Double Side Fracture 6

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