

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:	September 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)
66788	28
66789	28

Remarks:

Copy To:
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Signed: Bertha Dawn

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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: Rear discharge
Admixtures: Glenium 7500
Placement Location: Slab mockups
Test Cylinder Location: Slab mockup of revolving doors

Date Cylinders Cast: 19-Aug-10
Concrete Supplier: Auburn
General Contractor: Turner
Design Strength: 3,500
Max Agg. Size: 3/8

Date Report Issued: **SEP 17 2010**

4x8 Cylinders	4	Cast by	Ryan MacEachern	Time	
Load No.	1	Slump (in) ASTM C 143	3	Batched @	6:50
Ticket No.	174712	Air (°F)	74	Arrived @	--
Truck No.	94	Concrete (°F) ASTM C 1064	72	Total Time	80
Cubic Yds.	4.5	Air Content (%) ASTM C 231	3.5		

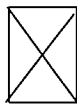
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 4
 Date received 23-Aug-10
 Condition of Cylinders: Good

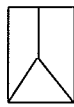
Lab No.	Test Date	Avg Dia (in)	Area (in ²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
66787	26-Aug-10	4.014	12.65	7	53,980	4270	2
66788	16-Sep-10	4.015	12.66	28	65,040	5140	2
66789	16-Sep-10	4.015	12.66	28	67,960	5370	5
66790	HOLD			HOLD			

*Concrete compressive strength by ASTM C 39

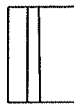
Types of Breaks



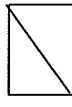
Cone
1



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	174713	78	4.5	--	--	--	--	90

Remarks:

Checked by: 
 Matthew T. Grady, Manager of MTS