

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

Doughty & Associates, Inc.

362 U.S. Route One

Falmouth, ME 04105

Date:	August 17, 2004	Project No.:	438-05
Attention:	Mr. Phillip Doughty (pdarch@maine.rr.com)		
Re:	Concrete Testing New Jetways & Addition to Baggage Claim Portland Jetport Portland, Maine		

We are sending you attached concrete cylinder test results:

Cylinder No. (s)	Age (Days)
47111	28
47112	28

Remarks:

Copy To: Roy Williams (rsw@ci.portland.me.us)

Signed: Bertha Dawn

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

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## CONCRETE TEST/PLACEMENT REPORT

<b>Project Name:</b>	New Jetways & Addition to Baggage Claim	<b>Date Cylinders Cast:</b>	20-Jul-04
<b>Project No:</b>	438-05	<b>Concrete Supplier:</b>	Auburn
<b>Weather Conditions:</b>	Mostly Cloudy	<b>General Contractor:</b>	Ledgewood
<b>Method of Placement:</b>	Truck Discharge	<b>Design Strength:</b>	3,000
<b>Admixtures:</b>	--	<b>Max Agg. Size:</b>	3/4"
<b>Placement Location:</b>	Footing from W - 48.5 to W.5 - 48.5 to W.5 - 49.8 to W - 49.8		
<b>Test Cylinder Location:</b>	W.5 - 48.5		

**Date Report Issued:** AUG 18 2004

6x12 Cylinders	4	Cast by	Ryan MacEachern	
Load No.	1	Slump (in) ASTM C 143	2.75	Time Batched @ 1:50 Arrived @ 2:05 Total Time 60
Ticket No.	065932	Air (°F)	85	
Truck No.	81	Concrete (°F) ASTM C 1064	79	
Cubic Yds.	4	Air Content (%) ASTM C 231	4.6	

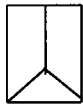
\*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1  
 Date received: 21-Jul-04  
 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
47110	27-Jul-04	6.007	28.34	7	87,840	3100	4
47111	17-Aug-04	6.014	28.41	28	107,980	3800	4
47112	17-Aug-04	6.014	28.41	28	112,820	3970	4
47113	HOLD			HOLD			

\*Concrete compressive strength by ASTM C 39

### Types of Breaks



Cone  
1

Cone & Split  
2

Cone & Shear  
3

Shear  
4

Columnar  
5

Load	Ticket Number	Truck Number	Cubic Yds	Slump (inches)	Air Temp (°F)	Conc Temp (°F)	(%) Air Content	Time (min.)

Remarks: Reinforcing steel was checked for size, grade, and spacing, and was found to be in general conformance with project plan.

Checked by: George S. Morrell  
 George S. Morrell, Supervisor

Material Type	Material	Target Wgt	Actual Wgt	Moisture %
AGGREGATE	67 Stone	7120	7140	1.75
AGGREGATE	Sand	5680	5660	4.75
CEMENT	Type II	2070	2070	
ADMIX	Daraccel	0	0	
ADMIX	Darex II	6	6	
HAND'S ADD	ADVA	62	62	
WATER	COLD WATER	77	79	
ADMIX	ADVA 140	80	80	
HAND'S ADD	DCI-S	0	0	