

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:	December 22, 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)
49724	28
49725	28
49728	28
49729	28

Remarks:

Copy To:  
Roy Williams (rsw@portlandmaine.gov)  
Todd Neal, Becker Structural Engineering (Todd@beckerstructural.com)  
Cuyler Feagles, Clerk of the Works (pda1001@aol.com)

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>	23-Nov-04
<b>Project No:</b>	438-05	<b>Concrete Supplier:</b>	Auburn
<b>Weather Conditions:</b>	Cloudy	<b>General Contractor:</b>	Ledgewood
<b>Method of Placement:</b>	Pump	<b>Design Strength:</b>	4,000
<b>Admixtures:</b>	Polarset, ADVA	<b>Max Agg. Size:</b>	3/4
<b>Placement Location:</b>	Slab		
<b>Test Cylinder Location:</b>	Line X.6, Line 47		

**Date Report Issued:** DEC 22 2004

6x12 Cylinders	4	Cast by	Chad N. Gryskwicz			
Load No.	2	Slump (in) ASTM C 143	6.25	Time		
Ticket No.	68630	Air (°F)	36		Batched @	6:20
Truck No.	83	Concrete (°F) ASTM C 1064	73		Arrived @	6:41
Cubic Yds.	10	Air Content (%) ASTM C 231	1.8		Total Time	71 mins.

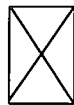
\*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1  
 Date received: 24-Nov-04  
 Condition of Cylinders: Good

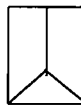
Lab No.	Test Date	Avg Dia (in)	Area (in <sup>2</sup> )	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
49723	30-Nov-04	5.990	28.18	7	97,200	3450	4
49724	21-Dec-04	5.990	28.18	28	121,460	4310	4
49725	21-Dec-04	5.990	28.18	28	123,800	4390	4
49726	HOLD			HOLD			

\*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.)
1	68628	101	10	--	--	--	--	62
3	68634	95	10	--	--	--	--	46
4	68635	98	10	--	--	--	--	55
5	68637	96	10	--	--	--	--	101
6	68638	101	10	--	--	--	--	96

Remarks:

Checked by:   
 George S. Morrell, Supervisor  
 For

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**CONCRETE TEST/PLACEMENT REPORT**

**Project Name:** New Jetways & Addition to Baggage Claim  
**Project No:** 438-05  
**Weather Conditions:** Cloudy  
**Method of Placement:** Pump  
**Admixtures:** Polarset, ADVA  
**Placement Location:** Slab  
**Test Cylinder Location:** Line X.2, Line 40

**Date Cylinders Cast:** 23-Nov-04  
**Concrete Supplier:** Auburn  
**General Contractor:** Ledgewood  
**Design Strength:** 4,000  
**Max Agg. Size:** 3/4

**Date Report Issued:** DEC 22 2004

6x12 Cylinders	4	Cast by	Chad N. Gryskwicz			
Load No.	7	Slump (in) ASTM C 143	5.75	Time		
Ticket No.	68639	Air (°F)	39		Batched @	7:44
Truck No.	83	Concrete (°F) ASTM C 1064	74		Arrived @	8:10
Cubic Yds.	10	Air Content (%) ASTM C 231	1.8		Total Time	98 mins.

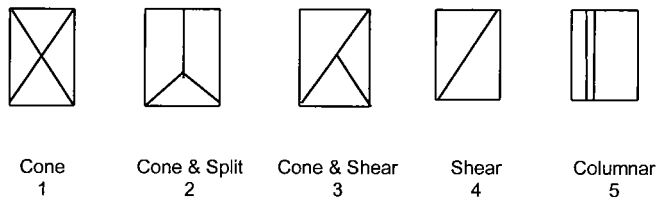
\*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1  
 Date received: 24-Nov-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
49727	30-Nov-04	5.990	28.18	7	98,440	3490	4
49728	21-Dec-04	5.990	28.18	28	115,420	4100	4
49729	21-Dec-04	5.990	28.18	28	112,800	4000	4
49730	HOLD			HOLD			

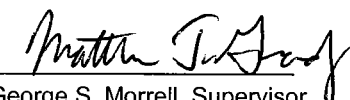
\*Concrete compressive strength by ASTM C 39

### Types of Breaks



Load	Ticket Number	Truck Number	Cubic Yds	Slump (inches)	Air Temp (°F)	Conc Temp (°F)	(%) Air Content	Time (min.)
8	68641	98	10	--	--	--	--	83
9	68645	97	10	--	--	--	--	46
10	68647	95	10	--	--	--	--	49
11	68648	83	10	--	--	--	--	51
12	68651	96	10	--	--	--	--	46

Remarks: Total Loads: 12

Checked by:   
 George S. Morrell, Supervisor  
 For