

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 15, 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)
49484	28
49485	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>	17-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>	3,000
<b>Admixtures:</b>	Adva, Darex	<b>Max Agg. Size:</b>	3/4
<b>Placement Location:</b>	Roof Curbing		
<b>Test Cylinder Location:</b>	Line 44, Line Y		

**Date Report Issued:** DEC 16 2004

6x12 Cylinders	4	Cast by	Chad N. Gryskwicz	Time
Load No.	1	Slump (in) ASTM C 143	8.25	Batched @
Ticket No.	68453	Air (°F)	27	Arrived @
Truck No.	95	Concrete (°F) ASTM C 1064	68	Total Time
Cubic Yds.	11	Air Content (%) ASTM C 231	7.4	

\*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1  
 Date received: 18-Nov-04  
 Condition of Cylinders: Good

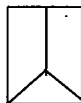
Lab No.	Test Date	Avg Dia (in)	Area (in <sup>2</sup> )	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
49483	24-Nov-04	5.991	28.19	7	87,820	3120	4
49484	15-Dec-04	5.991	28.19	28	103,460	3670	4
49485	15-Dec-04	5.991	28.19	28	103,080	3660	4
49486	HOLD			HOLD			

\*Concrete compressive strength by ASTM C 39

**Types of Breaks**



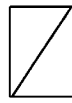
Cone  
1



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:

Checked by: Matthew J. Goad  
 George S. Morrell, Supervisor  
 Fot