

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:	September 27, 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)
48198	28

Remarks:

Cylinder(s) # 48198 did not pass the design strength on the 28 day breaks. The hold cylinder will be broken at 56 days on 10/22/04.

Copy To: Roy Williams (rsw@ci.portland.me.us)
Todd Neal, Becker Structural Engineering (Todd@beckerstructural.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: New Jetways & Addition to Baggage Claim
Project No: 438-05
Weather Conditions: Sunny with clouds
Method of Placement: Bucket
Admixtures: --
Placement Location: Piers Y/41 and 44
Test Cylinder Location: Piers Y/41 and 44

Date Cylinders Cast: 27-Aug-04
Concrete Supplier: Auburn
General Contractor: Ledgewood
Design Strength: 3,000
Max Agg. Size: 3/4

Date Report Issued: SEP 27 2004

6x12 Cylinders	4	Cast by	Dwayne W. McKenzie	Time	
Load No.	1	Slump (in) ASTM C 143	4	Batched @	2:38
Ticket No.	070936	Air (°F)	79	Arrived @	--
Truck No.	98	Concrete (°F) ASTM C 1064	81	Total Time	45
Cubic Yds.	1	Air Content (%) ASTM C 231	6		

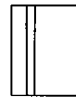
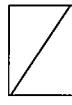
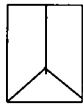
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1
 Date received: 28-Aug-04
 Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in ²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
48197	03-Sep-04	6.009	28.36	7	59,460	2100	4
48198	24-Sep-04	6.005	28.32	28	75,140	2650	4
48199	22-Oct-04			56			
48200	17-Sep-04	6.005	28.32	21	75,120	2650	4

*Concrete compressive strength by ASTM C 39

Types of Breaks



Cone
1

Cone & Split
2

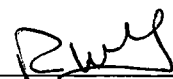
Cone & Shear
3

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: 
 George S. Morrell, Supervisor