

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:	July 23, 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)
47067	7

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

Project Name:	New Jetways & Addition to Baggage Claim	Date Cylinders Cast:	16-Jul-04
Project No:	438-05	Concrete Supplier:	Auburn
Weather Conditions:	Overcast	General Contractor:	Ledgewood
Method of Placement:	Pump	Design Strength:	3,000
Admixtures:	Superplasticizer	Max Agg. Size:	3/4"
Placement Location:	Footing: X.2/L49.8 to L51.9, L51.9/X.2 to W, & W/L51.9 to L48.5		
Test Cylinder Location:	W.5/L51.9		

Date Report Issued: Jul 26 2004

6x12 Cylinders	4	Cast by	Marco C. Stone	Time
Load No.	1	Slump (in) ASTM C 143	6.25	Batched @
Ticket No.	065829	Air (°F)	77	Arrived @
Truck No.	85	Concrete (°F) ASTM C 1064	76	Total Time
Cubic Yds.	10	Air Content (%) ASTM C 231	6.1	8:46
				--
				50

*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1
 Date received: 17-Jul-04
 Condition of Cylinders: Good

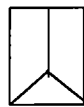
Lab No.	Test Date	Avg Dia (in)	Area (in ²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
47067	23-Jul-04	6.007	28.34	7	85,720	3025	4
47068	13-Aug-04			28			
47069	13-Aug-04			28			
47070	HOLD			HOLD			

*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.)
2	65831	82	10.00	--	--	--	--	42
3	65832	83	10.00	--	--	--	--	56
4	65834	85	10.00	--	--	--	--	61
5	65835	98	10.00	--	--	--	--	39
*6	65837	82	10.00	--	--	--	--	--

Remarks: *Load #6 was not used.

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