

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 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)
48458	7

Remarks:

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.

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
CONCRETE TEST/PLACEMENT REPORT

Project Name:	New Jetways & Addition to Baggage Claim	Date Cylinders Cast:	14-Sep-04
Project No:	438-05	Concrete Supplier:	Auburn
Weather Conditions:	Sunny	General Contractor:	Ledgewood
Method of Placement:	Rear discharge	Design Strength:	3,000
Admixtures:	Super Plasticizer (ADVa 140)	Max Agg. Size:	3/4
Placement Location:	Line -S; 43 to 48.5 and Line 43: S to V		
Test Cylinder Location:	Line -S; Line 44		

Date Report Issued: SEP 22 2004

6x12 Cylinders	4	Cast by	Chad Gryskwicz	Time	
Load No.	1	Slump (in) ASTM C 143	8.25	Batched @	2:45
Ticket No.	71330	Air (°F)	73	Arrived @	3:05
Truck No.	63	Concrete (°F) ASTM C 1064	79	Total Time	52
Cubic Yds.	8	Air Content (%) ASTM C 231	3.7		

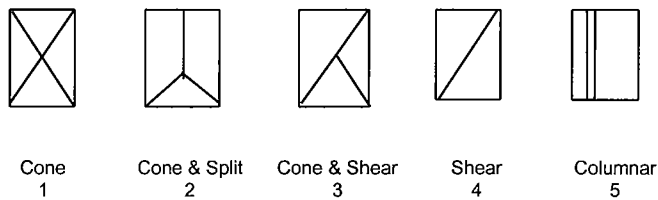
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1
 Date received: 15-Sep-04
 Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in ²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
48458	21-Sep-04	6.013	28.40	7	92,340	3250	4
48459	12-Oct-04			28			
48460	12-Oct-04			28			
48461	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.)

Remarks:

Checked by:
 George S. Morrell, Supervisor

071330

Auburn Concrete - Auburn Plant

Material Type	Material	Target Wgt	Actual Wgt	Moisture %
		14140	14120	1.00
AGGREGATE	67 Stone	11340	11400	4.75
AGGREGATE	Sand	4175	4160	
CEMENT	Cement	0	0	
ADMIX	Daraccel	13	13	
ADMIX	Darex II	125	125	
HAND'S ADD	ADVA	166	168	
WATER	COLD WATER	170	170	
ADMIX	ADVA 140	0	0	
HAND'S ADD	DCI-S			