

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 28, 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)
48576	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.

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CONCRETE TEST/PLACEMENT REPORT

Project Name:	New Jetways & Addition to Baggage Claim	Date Cylinders Cast:	21-Sep-04
Project No:	438-05	Concrete Supplier:	Auburn
Weather Conditions:	Cloudy	General Contractor:	Ledgewood
Method of Placement:	Rear discharge	Design Strength:	3,000
Admixtures:	(ADVa) Super Plasticizer	Max Agg. Size:	3/4
Placement Location:	Foundation Wall: Line 48.5 / S to W; Retaining Wall: Line 48.5 + 1'4" / E to F		
Test Cylinder Location:	Retaining Wall: Line 48.5 + 1'4" / Line E		

Date Report Issued: SEP 29 2004

6x12 Cylinders	4	Cast by	Chad N. Gryskwicz	Time	
Load No.	1	Slump (in) ASTM C 143	5.25	Batched @	2:38
Ticket No.	71519	Air (°F)	72	Arrived @	2:50
Truck No.	95	Concrete (°F) ASTM C 1064	79	Total Time	72
Cubic Yds.	10	Air Content (%) ASTM C 231	4.2		

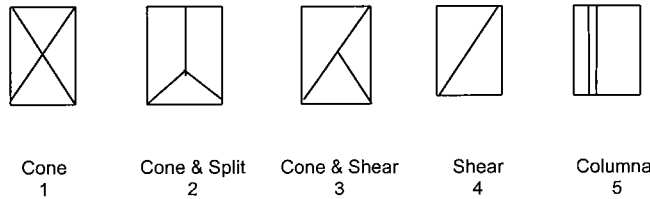
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1
 Date received: 22-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
48576	28-Sep-04	6.007	28.34	7	99,160	3500	4
48577	19-Oct-04			28			
48578	19-Oct-04			28			
48579	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
 George S. Morrell, Supervisor

071519

Auburn Concrete - Auburn Plant

Material Type	Material	Target Wgt	Actual Wgt	Moisture %
AGGREGATE	67 Stone	17600	17720	1.00
AGGREGATE	Sand	14160	14020	4.75
CEMENT	Cement	5220	5210	
ADMIX	Daraccel	0	0	
ADMIX	Darex II	16	16	
HAND'S ADD	ADVA	157	157	
WATER	COLD WATER	208	211	
ADMIX	ADVA 140	210	210	
HAND'S ADD	DCI-S	0	0	