

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 30, 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)
48278	28
48279	28
48645	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
Project No: 438-05
Weather Conditions: Sunny
Method of Placement: Rear Discharge
Admixtures: --
Placement Location: X.6 Line 18
Test Cylinder Location: X.6 Line 18

Date Cylinders Cast: 23-Sep-04
Concrete Supplier: Auburn
General Contractor: Ledgewood
Design Strength: 3,000
Max Agg. Size: 3/4

Date Report Issued: OCT 01 2004

6x12 Cylinders	4	Cast by	Peter E. Callahan	Time	
Load No.	1	Slump (in) ASTM C 143	1.5	Batched @	2:10
Ticket No.	071584	Air (°F)	75	Arrived @	2:35
Truck No.	83	Concrete (°F) ASTM C 1064	80	Total Time	30
Cubic Yds.	1.5	Air Content (%) ASTM C 231	5.5		

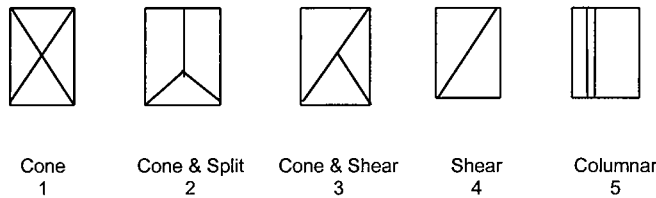
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1
 Date received: 24-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
48645	30-Sep-04	6.003	28.30	7	45,900	1620	4
48646	21-Oct-04			28			
48647	21-Oct-04			28			
48648	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

Auburn Concrete - Auburn Plant

071584

Material Type	Material	Target Wgt	Actual Wgt	Moisture %
AGGREGATE	67 Stone	2660	2660	1.00
AGGREGATE	Sand	2120	3620	4.75
CEMENT	Cement	785	765	
ADMIX	Daraccel	0	0	
ADMIX	Darex II	2	2	
HAND'S ADD	ADVA	23	23	
WATER	COLD WATER	31	22	
ADMIX	ADVA 140	30	30	
HAND'S ADD	DCI-S	0	0	