

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 10, 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)
48277	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
Project No: 438-05
Weather Conditions: Sunny
Method of Placement: Ready mix
Admixtures: ADVA
Placement Location: Line X, Line 41 and Line X, Line 44
Test Cylinder Location: Line x, Line 41

Date Cylinders Cast: 02-Sep-04
Concrete Supplier: Auburn
General Contractor: Ledgewood
Design Strength: 3,000
Max Agg. Size: 3/4

Date Report Issued: SEP 10 2004

6x12 Cylinders	4	Cast by	Jonathan E. Nickerson	Time	
Load No.	1	Slump (in) ASTM C 143	9	Batched @	11:03
Ticket No.	71076	Air (°F)	74	Arrived @	11:08
Truck No.	84	Concrete (°F) ASTM C 1064	80	Total Time	30
Cubic Yds.	7.75	Air Content (%) ASTM C 231	3.5		

*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1
 Date received: 03-Sep-04
 Condition of Cylinders: Good

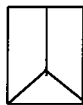
Lab No.	Test Date	Avg Dia (in)	Area (in ²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
48277	09-Sep-04	6.005	28.32	7	95,100	3360	4
48278	30-Sep-04			28			
48279	30-Sep-04			28			
48280	HOLD			HOLD			

*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	71077	96	7.75	--	--	--	--	25

Remarks: Reported high slump to Stan, He said "ok" with given admixture.

Checked by:
 George S. Morrell, Supervisor

071076

Auburn Concrete - Auburn Plant

Material Type	Material	Target Wgt	Actual Wgt	Moisture %
AGGREGATE	67 Stone	13700	13660	1.00
AGGREGATE	Sand	11040	11100	5.25
CEMENT	Cement	4045	4025	
ADMIX	Daracel	0	0	
ADMIX	Darex II	12	12	
HAND'S ADD	ADVA	121	121	
WATER	COLD WATER	154	157	
ADMIX	ADVA 140	160	160	
HAND'S ADD	DCI-S	0	0	

071077

Auburn Concrete - Auburn Plant

Material Type	Material	Target Wgt	Actual Wgt	Moisture %
AGGREGATE	67 Stone	13700	13740	1.00
AGGREGATE	Sand	11040	10980	5.25
CEMENT	Cement	4045	4085	
ADMIX	Daracel	0	0	
ADMIX	Darex II	12	11	
HAND'S ADD	ADVA	121	121	
WATER	COLD WATER	154	157	
ADMIX	ADVA 140	160	160	
HAND'S ADD	DCI-S	0	0	