

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)
47717	28
47718	28

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: Overcast
Method of Placement: Pump
Admixtures: Superplasticizer
Placement Location: Piers: 47/X, 44/X, 41/X; Z/5' West of 47 - 40
Test Cylinder Location: X/47, X/44

Date Cylinders Cast: 11-Aug-04
Concrete Supplier: Auburn
General Contractor: Ledgewood
Design Strength: 3,000
Max Agg. Size: 3/4

Date Report Issued: SEP 13 2004

6x12 Cylinders	4	Cast by	Michael J. Kramlich	Time	
Load No.	1	Slump (in) ASTM C 143	8.0	Batched @	--
Ticket No.	070515	Air (°F)	82	Arrived @	--
Truck No.	97	Concrete (°F) ASTM C 1064	77	Total Time	50
Cubic Yds.	10.5	Air Content (%) ASTM C 231	4.5		

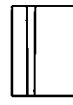
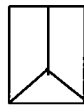
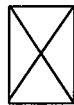
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1
 Date received: 12-Aug-04
 Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in ²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
47716	18-Aug-04	6.008	28.35	7	87,140	3070	4
47717	08-Sep-04	6.008	28.35	28	121,700	4290	4
47718	08-Sep-04	6.008	28.35	28	116,560	4110	4
47719	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	70517	88	10.50	--	--	--	--	50
3	70518	98	10.50	--	--	--	--	--
4	70520	101	10.50	--	--	--	--	--

Remarks:

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

Material Type	Material	Target Wgt	Actual Wgt	Moisture %
AGGREGATE	67 Stone	18660	18580	1.50
AGGREGATE	Sand	14840	14880	4.50
CEMENT	Type II	5430	5450	
ADMIX	Daraccol	0	0	
ADMIX	Darex II	16	16	
HAND'S ADD	ADVA	163	163	
WATER	COLD WATER	212	214	
ADMIX	ADVA 140	220	220	
HAND'S ADD	DCI-S	0	0	

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AGGREGATE	Sand	14840	14900	4.50
CEMENT	Type II	5430	5445	
ADMIX	Daraccol	0	0	
ADMIX	Darex II	16	16	
HAND'S ADD	ADVA	163	163	
WATER	COLD WATER	212	215	
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Material Type	Material	Target Wgt	Actual Wgt	Moisture %
AGGREGATE	67 Stone	18560	18480	1.00
AGGREGATE	Sand	14800	14940	4.25
CEMENT	Type II	5430	5445	
ADMIX	Daraccol	0	0	
ADMIX	Darex II	16	16	
HAND'S ADD	ADVA	163	163	
WATER	COLD WATER	228	231	
ADMIX	ADVA 140	220	220	
HAND'S ADD	DCI-S	0	0	