

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:	October 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)
48979	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:** Night time  
**Method of Placement:** Pump  
**Admixtures:** Polar set and Adva  
**Placement Location:** Tug drive Line 27 to Line 38  
**Test Cylinder Location:** Line V + 10', Line 34

**Date Cylinders Cast:** 20-Oct-04  
**Concrete Supplier:** Auburn  
**General Contractor:** Ledgewood  
**Design Strength:** 4,000  
**Max Agg. Size:** 3/4

**Date Report Issued:** OCT 28 2004

6x12 Cylinders	4	Cast by	Chad N. Gryskwicz	Time	
Load No.	3	Slump (in) ASTM C 143	7.5	Batched @	4:14
Ticket No.	74733	Air (°F)	44	Arrived @	4:26
Truck No.	97	Concrete (°F) ASTM C 1064	60	Total Time	49
Cubic Yds.	10	Air Content (%) ASTM C 231	1.7		

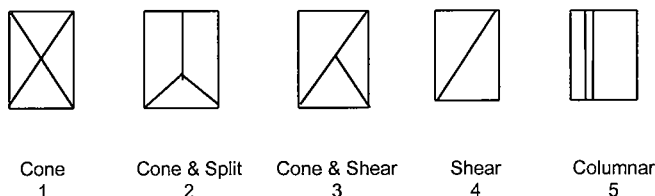
\*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1  
 Date received: 21-Oct-04  
 Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in <sup>2</sup> )	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
48979	27-Oct-04	5.989	28.17	7	102,920	3650	4
48980	17-Nov-04			28			
48981	17-Nov-04			28			
48982	HOLD			HOLD			

\*Concrete compressive strength by ASTM C 39

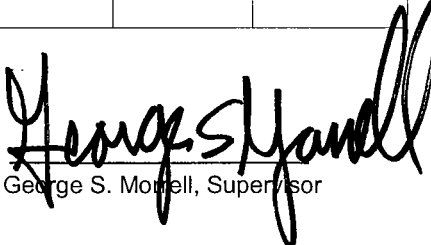
### Types of Breaks



Load	Ticket Number	Truck Number	Cubic Yds	Slump (inches)	Air Temp (°F)	Conc Temp (°F)	(%) Air Content	Time (min.)
1	74731	97	10	--	--	--	--	52
2	74732	96	10	--	--	--	--	67
4	74734	96	10	--	--	--	--	53

Remarks:

Checked by:

  
 George S. Mottell, Supervisor

## Auburn Concrete - Auburn Plant

074731

Material Type	Material	Target Wgt	Actual Wgt	Moisture %,
AGGREGATE	67 Stone	17680	17680	1.00
AGGREGATE	Sand	14200	14080	5.00
CEMENT	Type II	6110	6100	
ADMIX	Polar Set	610	610	
ADMIX	Darex II	0		
WATER	COLD WATER	234	236	
ADMIX	ADVA 140	240	240	
HAND'S ADD	DCI-S	0	0	

## Auburn Concrete - Auburn Plant

074734

Material Type	Material	Target Wgt	Actual Wgt	Moisture %,
AGGREGATE	67 Stone	17680	17700	1.00
AGGREGATE	Sand	14200	14180	5.00
CEMENT	Type II	6110	6145	
ADMIX	Polar Set	610	610	
ADMIX	Darex II	0		
WATER	COLD WATER	234	235	
ADMIX	ADVA 140	240	240	
HAND'S ADD	DCI-S	0	0	

## Auburn Concrete - Auburn Plant

074733

Material Type	Material	Target Wgt	Actual Wgt	Moisture %,
AGGREGATE	67 Stone	17680	17660	1.00
AGGREGATE	Sand	14200	14220	5.00
CEMENT	Type II	6110	6130	
ADMIX	Polar Set	610	610	
ADMIX	Darex II	0		
WATER	COLD WATER	234	236	
ADMIX	ADVA 140	240	240	
HAND'S ADD	DCI-S	0	0	

## Auburn Concrete - Auburn Plant

074732

Material Type	Material	Target Wgt	Actual Wgt	Moisture %,
AGGREGATE	67 Stone	17680	17620	1.00
AGGREGATE	Sand	14200	14280	5.00
CEMENT	Type II	6110	6105	
ADMIX	Polar Set	610	610	
ADMIX	Darex II	0		
WATER	COLD WATER	234	234	
ADMIX	ADVA 140	240	240	
HAND'S ADD	DCI-S	0	0	