

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:	December 7, 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)
49799	7
49803	7

Remarks:

Copy To: Roy Williams (rsw@portlandmaine.gov)  
Todd Neal, Becker Structural Engineering (Todd@beckerstructural.com)  
Cuyler Feagles, Clerk of the Works (pda1001@aol.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:** Cloudy  
**Method of Placement:** Pump  
**Admixtures:** 2% Polar, Adva 140  
**Placement Location:** 2nd level Slab on Deck, W->Z / L38 -> L39.8  
**Test Cylinder Location:** W.1 / L47

**Date Cylinders Cast:** 30-Nov-04  
**Concrete Supplier:** Auburn  
**General Contractor:** Ledgewood  
**Design Strength:** 4,000  
**Max Agg. Size:** 3/4

**Date Report Issued:** DEC 08 2004

6x12 Cylinders	4	Cast by	Marco C. Stone	Time		
Load No.	1	Slump (in) ASTM C 143	6.5		Batched @	6:15
Ticket No.	068733	Air (°F)	34		Arrived @	--
Truck No.	101	Concrete (°F) ASTM C 1064	69		Total Time	60
Cubic Yds.	10.5	Air Content (%) ASTM C 231	1.4			

\*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1  
 Date received: 01-Dec-04  
 Condition of Cylinders: Good

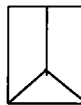
Lab No.	Test Date	Avg Dia (in)	Area (in <sup>2</sup> )	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
49799	07-Dec-04	5.995	28.23	7	96,120	3400	4
49800	28-Dec-04			28			
49801	28-Dec-04			28			
49802	HOLD			HOLD			

\*Concrete compressive strength by ASTM C 39

**Types of Breaks**



Cone  
1



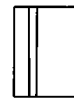
Cone & Split  
2



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	68734	95	10.5	--	--	--	--	64
3	68737	84	10.5	--	--	--	--	62
4	68738	97	10.5	--	--	--	--	--
5	68740	71	10.5	--	--	--	--	63
6	68742	95	10.5	--	--	--	--	56

Remarks:

Checked by:

*George S. Morrell*  
 George S. Morrell, Supervisor

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## CONCRETE TEST/PLACEMENT REPORT

**Project Name:** New Jetways & Addition to Baggage Claim  
**Project No:** 438-05  
**Weather Conditions:** Cloudy  
**Method of Placement:** Pump  
**Admixtures:** 2% Polar, Adva 140  
**Placement Location:** 2nd level Slab on Deck, W->Z / L38 -> L39.8  
**Test Cylinder Location:** 4-8' / L41

**Date Cylinders Cast:** 30-Nov-04  
**Concrete Supplier:** Auburn  
**General Contractor:** Ledgewood  
**Design Strength:** 4,000  
**Max Agg. Size:** 3/4

**Date Report Issued:** DEC 08 2004

6x12 Cylinders	4	Cast by	Marco C. Stone	Time	
Load No.	7	Slump (in) ASTM C 143	5.5	Batched @	8:42
Ticket No.	068744	Air (°F)	35	Arrived @	--
Truck No.	84	Concrete (°F) ASTM C 1064	68	Total Time	55
Cubic Yds.	10.5	Air Content (%) ASTM C 231	1.2		

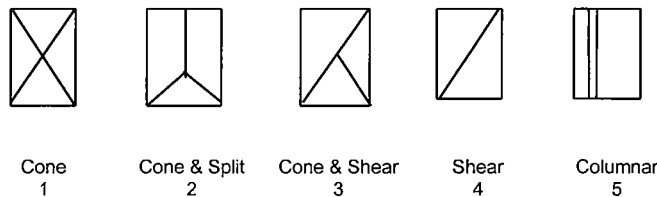
\*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1  
 Date received: 01-Dec-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
49803	07-Dec-04	5.995	28.23	7	108,880	3860	4
49804	28-Dec-04			28			
49805	28-Dec-04			28			
49806	HOLD			HOLD			

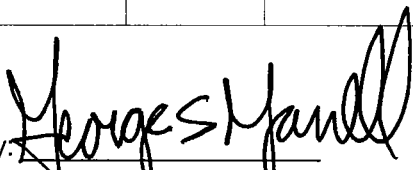
\*Concrete compressive strength by ASTM C 39

### Types of Breaks



Load	Ticket Number	Truck Number	Cubic Yds	Slump (inches)	Air Temp (°F)	Conc Temp (°F)	(%) Air Content	Time (min.)
8	68747	98	10.5	--	--	--	--	40
9	68751	97	10.5	--	--	--	--	--
10	68757	97	6	--	--	--	--	--

Remarks:

Checked by:   
 George S. Morrell, Supervisor