

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 8, 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)
49333	28
49334	28
49337	28
49338	28

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: Sunny
Method of Placement: Pump
Admixtures: Polaset, ADVA, Darex
Placement Location: Baggage Slab, tug area
Test Cylinder Location: Line 41, Line V + 8'

Date Cylinders Cast: 10-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	Chad N. Gryskwicz	Time	
Load No.	2	Slump (in) ASTM C 143	6.5	Batched @	6:06
Ticket No.	68267	Air (°F)	31	Arrived @	6:25
Truck No.	96	Concrete (°F) ASTM C 1064	67	Total Time	74
Cubic Yds.	10	Air Content (%) ASTM C 231	1.8		

*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1

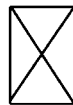
Date received: 11-Nov-04

Condition of Cylinders: Good

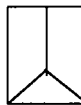
Lab No.	Test Date	Avg Dia (in)	Area (in ²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
49332	17-Nov-04	5.991	28.19	7	100,540	3570	4
49333	08-Dec-04	5.991	28.19	28	124,580	4420	4
49334	08-Dec-04	5.991	28.19	28	124,720	4420	4
49335	HOLD			HOLD			

*Concrete compressive strength by ASTM C 39

Types of Breaks



Cone
1



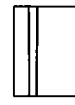
Cone & Split
2



Cone & Shear
3



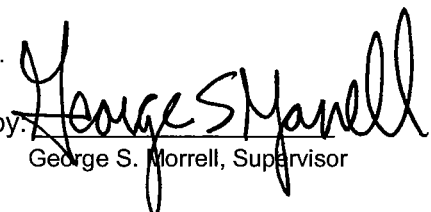
Shear
4



Columnar
5

Load	Ticket Number	Truck Number	Cubic Yds	Slump (inches)	Air Temp (°F)	Conc Temp (°F)	(%) Air Content	Time (min.)
1	68266	97	10	--	--	62	--	67
3	68269	101	10	--	--	65	--	61
4	68274	97	10	--	--	65	--	58

Remarks: Total loads = 6
 Cylinders moved at the request of Roland, the On Site Supervisor.

Checked by: 
 George S. Morrell, Supervisor

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CONCRETE TEST/PLACEMENT REPORT

Project Name:	New Jetways & Addition to Baggage Claim	Date Cylinders Cast:	10-Nov-04
Project No:	438-05	Concrete Supplier:	Auburn
Weather Conditions:	Sunny	General Contractor:	Ledgewood
Method of Placement:	Pump	Design Strength:	4,000
Admixtures:	Polarset, ADVA, Darex	Max Agg. Size:	3/4
Placement Location:	Baggage Slab, tug area		
Test Cylinder Location:	Line 47, Line V		

Date Report Issued: DEC 08 2004

6x12 Cylinders	4	Cast by	Chad N. Gryskwicz	Time	
Load No.	5	Slump (in) ASTM C 143	6.75	Batched @	7:53
Ticket No.	68276	Air (°F)	39	Arrived @	8:15
Truck No.	96	Concrete (°F) ASTM C 1064	68	Total Time	57
Cubic Yds.	10	Air Content (%) ASTM C 231	--		

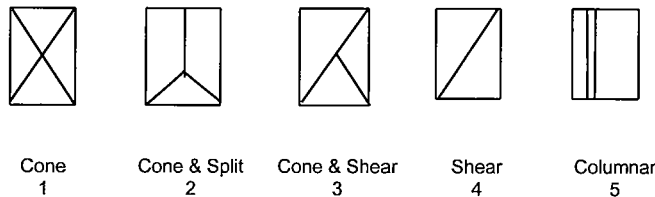
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1
 Date received: 11-Nov-04
 Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in ²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
49336	17-Nov-04	5.991	28.19	7	104,200	3700	4
49337	08-Dec-04	5.991	28.19	28	125,540	4450	4
49338	08-Dec-04	5.991	28.19	28	114,040	4050	4
49339	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.)
6	68280	95	1	--	--	63	--	21

Remarks: Total loads = 6
 Cylinders moved at the request of Roland, the On Site Supervisor.

Checked by:
 George S. Morrell, Supervisor