

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:	August 12, 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)
47573	7
47577	7
47581	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	Date Cylinders Cast:	04-Aug-04
Project No:	438-05	Concrete Supplier:	Auburn
Weather Conditions:	Partly Cloudy	General Contractor:	Ledgewood
Method of Placement:	Pump	Design Strength:	3,000
Admixtures:	Superplasticizer	Max Agg. Size:	57 Stone
Placement Location:	Footings: Southeast Corner: 2' 8" South of X.6, 1' 6" East of 49.8; Northwest Corner: 5' West of 47, 2' North of F		
Test Cylinder Location:	Northwest Corner Level 1	Date Report Issued:	AUG 13 2004

6x12 Cylinders	4	Cast by	Michael J. Kramlich	Time	
Load No.	3	Slump (in) ASTM C 143	4.25/7.5	Batched @	--
Ticket No.	070260	Air (°F)	--	Arrived @	--
Truck No.	101	Concrete (°F) ASTM C 1064	--	Total Time	30
Cubic Yds.	10	Air Content (%) ASTM C 231	4.2/4.5		

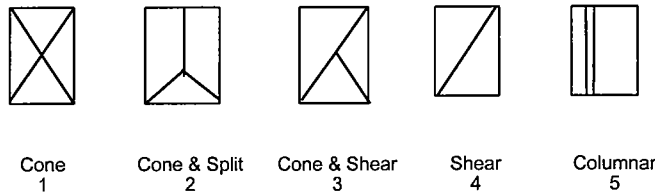
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1
 Date received: 05-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
47573	11-Aug-04	6.009	28.36	7	71,820	2530	4
47574	01-Sep-04			28			
47575	01-Sep-04			28			
47576	HOLD			HOLD			

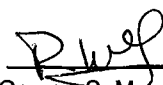
*Concrete compressive strength by ASTM C 39

Types of Breaks



Load	Ticket Number	Truck Number	Cubic Yds	Slump (inches)	Air Temp (°F)	Conc Temp (°F)	(%) Air Content	Time (min.)
1	70256	98	10.00	--	--	--	--	30
2	70259	95	10.00	--	--	--	--	30
4	70264	82	10.00	--	--	--	--	30
5	70265	95	10.00	--	--	--	--	30

Remarks: Slump & air content results are before superplasticizer/after superplasticizer.
 Cylinders were made before adding superplasticizer.
 Total loads = 12

Checked by: 
 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: Partly Cloudy
Method of Placement: Pump
Admixtures: Superplasticizer
Placement Location: Footings: Southeast Corner: 2' 8" South of X.6, 1' 6" East of 49.8;
 Northwest Corner: 5' West of 47, 2' North of F
Test Cylinder Location: Northwest Corner Level 2
Date Cylinders Cast: 04-Aug-04
Concrete Supplier: Auburn
General Contractor: Ledgewood
Design Strength: 3,000
Max Agg. Size: 57 Stone
Date Report Issued: AUG 13 2004

6x12 Cylinders	4	Cast by	Michael J. Kramlich	Time	
Load No.	7	Slump (in) ASTM C 143	5.0	Batched @	--
Ticket No.	070274	Air (°F)	77	Arrived @	--
Truck No.	82	Concrete (°F) ASTM C 1064	80	Total Time	30
Cubic Yds.	10	Air Content (%) ASTM C 231	4.6		

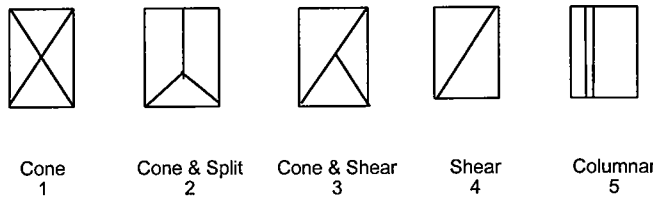
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1
 Date received: 05-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
47577	11-Aug-04	6.009	28.36	7	72,120	2540	4
47578	01-Sep-04			28			
47579	01-Sep-04			28			
47580	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	70272	101	10.00	--	77	--	--	40
8	70275	84	10.00	--	--	--	--	30
9	70276	95	10.00	--	--	--	--	35
10	70279	101	10.00	--	--	--	--	35

Remarks: Total loads = 12

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	Date Cylinders Cast:	04-Aug-04
Project No:	438-05	Concrete Supplier:	Auburn
Weather Conditions:	Partly Cloudy	General Contractor:	Ledgewood
Method of Placement:	Pump	Design Strength:	3,000
Admixtures:	Superplasticizer	Max Agg. Size:	57 Stone
Placement Location:	Footings: Southeast Corner: 2' 8" South of X.6, 1' 6" East of 49.8; Northwest Corner: 5' West of 47, 2' North of F		
Test Cylinder Location:	Northeast Corner of Footing	Date Report Issued:	AUG 13 2004

6x12 Cylinders	4	Cast by	Michael J. Kramlich	Time	
Load No.	11	Slump (in) ASTM C 143	4.75	Batched @	--
Ticket No.	070280	Air (°F)	82	Arrived @	--
Truck No.	82	Concrete (°F) ASTM C 1064	81	Total Time	30
Cubic Yds.	10	Air Content (%) ASTM C 231	4.6		

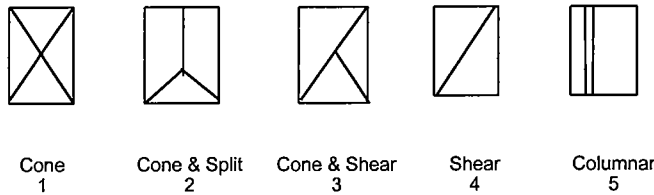
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1
 Date received: 05-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
47581	11-Aug-04	6.009	28.36	7	65,960	2330	4
47582	01-Sep-04			28			
47583	01-Sep-04			28			
47584	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.)
12	70287	97	6.50	--	--	--	--	20

Remarks: Total loads = 12

Checked by: George S. Morrell
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