

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 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)
47574	28
47575	28
47578	28
47579	28
47582	28
47583	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	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:	SEP 08 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		

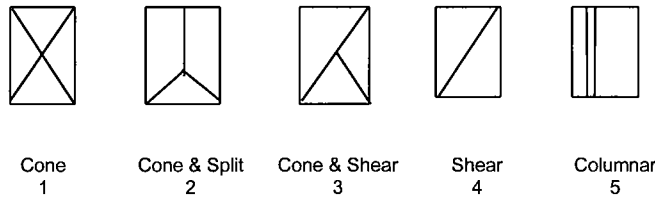
*Concrete sampled by ASTM C 172

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	6.007	28.34	28	100,220	3540	4
47575	01-Sep-04	6.007	28.34	28	98,720	3480	4
47576	HOLD			HOLD			

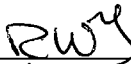
*Concrete compressive strength by ASTM C 39

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	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 2	Date Report Issued:	SEP 08 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
Cubic Yds.	10	Air Content (%) ASTM C 231	4.6	30

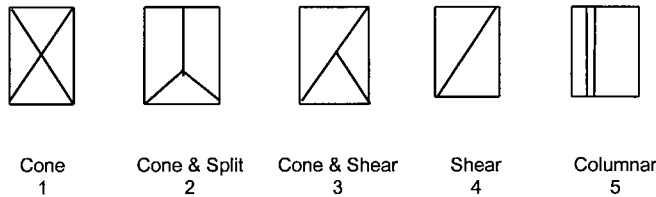
*Concrete sampled by ASTM C 172

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	6.007	28.34	28	102,740	3630	4
47579	01-Sep-04	6.007	28.34	28	102,960	3630	4
47580	HOLD			HOLD			

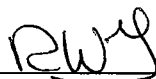
*Concrete compressive strength by ASTM C 39

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

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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:	SEP 08 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		

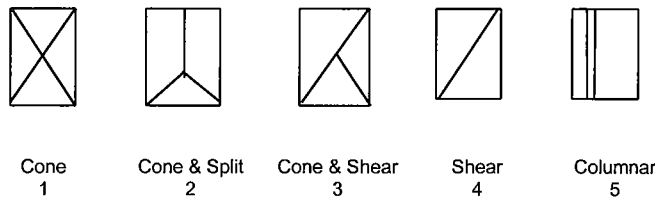
*Concrete sampled by ASTM C 172

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	6.007	28.34	28	93,740	3310	4
47583	01-Sep-04	6.007	28.34	28	91,380	3220	4
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: 
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