

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 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)
49800	28
49801	28
49804	28
49805	28

Remarks:

Cylinder(s) #49800, 49801 did not pass the design strength on the 28 day breaks. The hold cylinder will be broken at 56 days on 1/25/05.

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 29 2004

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

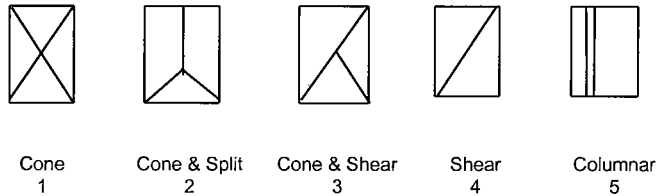
*Concrete sampled by ASTM C 172

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 ²)	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	5.978	28.07	28	111,300	3970	4
49801	28-Dec-04	5.978	28.07	28	111,560	3970	4
49802	25-Jan-05			56			

*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.)
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: RW^g
 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 29 2004

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

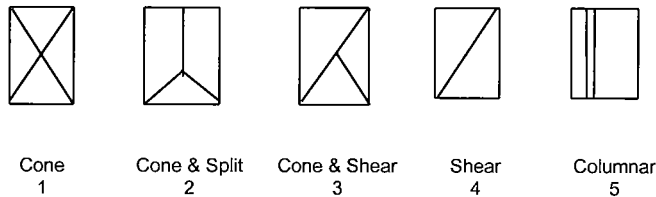
*Concrete sampled by ASTM C 172

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 ²)	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	5.978	28.07	28	123,160	4390	4
49805	28-Dec-04	5.978	28.07	28	127,240	4530	4
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: RW
 George S. Morrell, Supervisor