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

Date:	Project No.:
January 25, 2005	438-05
Attention: Mr. Phillip Doughty (pdarch@maine.rr.com)	
Re: Concrete Testing New Jetways & Addition to Baggage Claim Portland Jetport Portland, Maine	

Doughty & Associates, Inc.

362 U.S. Route One

Falmouth, ME 04105

We are sending you attached concrete cylinder test results.

Cylinder No. (s)	Age (Days)
49802	56

Remarks:

Cylinder #49802 did not pass the design strength on the 56 day break.

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.

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

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: JAN 25 2005

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		

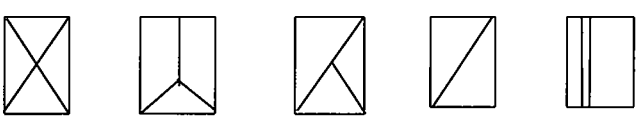
*Concrete sampled by ASTM C 172

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 (in²)	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	5.980	28.09	56	102,240	3640	4

*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: _____
for George S. Morrell, Supervisor