

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

City of Portland, Portland Int. Jetport

1001 Westbrook Street

Portland, Maine 04102

Date:	August 24, 2010	Project No.:	557-14
Attention:	Mr. Cuyler Feagles (cmf@portlandmaine.gov)		
Re:	Concrete Testing Terminal Enhancement, Portland Int. Jetport Portland, Maine		

We are sending you attached concrete cylinder test results.

Cylinder No. (s)	Age (Days)
66755	7

Remarks:

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Signed: Bertha Dawn

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CONCRETE TEST/PLACEMENT REPORT

Project Name:	Terminal Enhancement, Portland Int. Jetport	Date Cylinders Cast:	17-Aug-10
Project No:	557-14	Concrete Supplier:	Auburn
Weather Conditions:	Sunny	General Contractor:	Turner
Method of Placement:	Pump	Design Strength:	4,000
Admixtures:	Mid Range Water Reducer	Max Agg. Size:	3/4
Placement Location:	Walls: Y8/XL - XM, XM/Y7.5 - Y8, Y7/XK - XL + 10'; Piers: 5' Southwest of XM/4' Southeast of Y7, 8 Piers between (XF + XG) & ZA + ZI); Revolving Door Foundation: XF/Z3 - Z4		
Test Cylinder Location:	Wall: Y8/XL - XM	Date Report Issued:	AUG 25 2010

4x8 Cylinders	4	Cast by	Michael J. Kramlich		Time
Load No.	1	Slump (in) ASTM C 143	5.0		Batched @ 12:05
Ticket No.	174875	Air (°F)	79		Arrived @ 12:30
Truck No.	86	Concrete (°F) ASTM C 1064	82		Total Time 45
Cubic Yds.	9	Air Content (%) ASTM C 231	5.7		

*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1
Date received 18-Aug-10
Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in ²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
66755	24-Aug-10	4.013	12.65	7	44,820	3540	2
66756	14-Sep-10			28			
66757	14-Sep-10			28			
66758	HOLD			HOLD			

*Concrete compressive strength by ASTM C 39

Types of Breaks



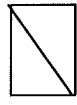
Cone
1



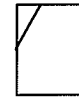
Cone & Split
2



Columnar
3



Shear
4



Side Fracture
5



Double Side Fracture
6

Load	Ticket Number	Truck Number	Cubic Yds	Slump (inches)	Air Temp (°F)	Conc Temp (°F)	(%) Air Content	Time (min.)
2	174877	98	9.0	--	--	--	--	45
3	174891	101	9.0	--	--	--	--	45
4	174896	86	10.5	--	--	--	--	--

Remarks: Curing Temperatures: Max = 95°, Min = 65°

Checked by: Matthew T. Grady
Matthew T. Grady, Manager of MTS