

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:	July 2, 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)
65702	28
65703	28

Remarks:

Copy To:

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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:	04-Jun-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:	Foundation walls at XC/Z4.5 - Z6, XC.3/Z4.5 - Z6, Z + Z4/XC - XC.3		
Test Cylinder Location:	Z4.5/XC - XC.3 , XC/Z4 - Z5.8		

Date Report Issued: JUL 06 2010

4x8 Cylinders	4	Cast by	Michael J. Kramlich	Time
Load No.	3	Slump (in) ASTM C 143	7	Batched @ 11:54 Arrived @ 12:10 Total Time 36
Ticket No.	172864	Air (°F)	83	
Truck No.	97	Concrete (°F) ASTM C 1064	73	
Cubic Yds.	10	Air Content (%) ASTM C 231	4.4	

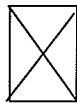
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 3
Date received 07-Jun-10
Condition of Cylinders: Good

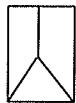
Lab No.	Test Date	Avg Dia (in)	Area (in ²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
65700	11-Jun-10	4.006	12.60	7	52,860	4200	5
65701	11-Jun-10	4.006	12.60	7	51,260	4070	5
65702	02-Jul-10	4.020	12.69	28	71,400	5630	2
65703	02-Jul-10	4.020	12.69	28	72,920	5750	2

*Concrete compressive strength by ASTM C 39

Types of Breaks



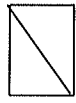
Cone
1



Cone & Split
2



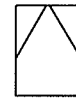
Columnar
3



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.)
1	172861	94	10	--	--	--	--	--
2	172862	86	10	--	--	--	--	--
4	172866	94	9	--	--	--	--	70±

Remarks: Curing Temperatures: Max = 88°, Min = 57°

Checked by: 
Matthew T. Grady, Manager of MTS