

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:	September 14, 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)
66756	28
66757	28

Remarks:

Copy To:  
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Signed: Bertha Dawn

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## CONCRETE TEST/PLACEMENT REPORT

<b>Project Name:</b>	Terminal Enhancement, Portland Int. Jetport	<b>Date Cylinders Cast:</b>	17-Aug-10
<b>Project No:</b>	557-14	<b>Concrete Supplier:</b>	Auburn
<b>Weather Conditions:</b>	Sunny	<b>General Contractor:</b>	Turner
<b>Method of Placement:</b>	Pump	<b>Design Strength:</b>	4,000
<b>Admixtures:</b>	Mid Range Water Reducer	<b>Max Agg. Size:</b>	3/4
<b>Placement Location:</b>	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		
<b>Test Cylinder Location:</b>	Wall: Y8/XL - XM	<b>Date Report Issued:</b>	<b>SEP 14 2010</b>

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		

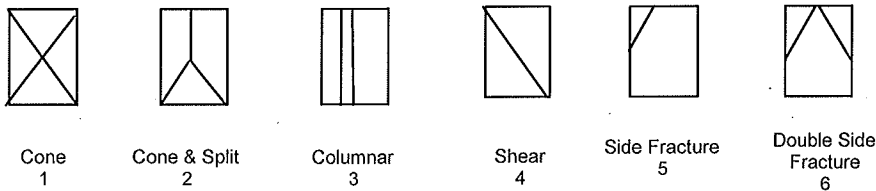
\*Concrete sampled by ASTM C 172

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 <sup>2</sup> )	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	4.016	12.67	28	61,780	4880	3
66757	14-Sep-10	4.016	12.67	28	60,500	4780	5
66758	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.)
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, Manager of MTS