

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 29, 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)
66919	28
66920	28

Remarks:

Copy To:  
 Roy Williams: rsw@portlandmaine.gov  
 Jim Stanislaski: jim\_stanislaski@gensler.com  
 Cliff Takara: clifford\_takara@gensler.com  
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 rdixon@tcco.com  
 gemitchell@tcco.com  
 Remi Delcourt (remi@auburnconcrete.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:** Terminal Enhancement, Portland Int. Jetport  
**Project No:** 557-14  
**Weather Conditions:** Sunny  
**Method of Placement:** Rear Discharge  
**Admixtures:** Mid Range Water Reducer  
**Placement Location:** Piers in Existing Road  
**Test Cylinder Location:** Last Pier

**Date Cylinders Cast:** 01-Sep-10  
**Concrete Supplier:** Auburn  
**General Contractor:** Turner  
**Design Strength:** 4,000  
**Max Agg. Size:** 3/4

**Date Report Issued:** **SEP 30 2010**

4x8 Cylinders	4	Cast by	Erik E. Cohenour	Time		
Load No.	1	Slump (in) ASTM C 143	4.5		Batched @	12:52
Ticket No.	175063	Air (°F)	95		Arrived @	1:22
Truck No.	116	Concrete (°F) ASTM C 1064	--		Total Time	40
Cubic Yds.	6	Air Content (%) ASTM C 231	3.4			

\*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1

Date received 02-Sep-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
66918	08-Sep-10	4.015	12.66	7	56,420	4460	5
66919	29-Sep-10	4.020	12.69	28	70,480	5550	2
66920	29-Sep-10	4.020	12.69	28	66,540	5240	5
66921	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.)

Remarks:

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