

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 13, 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)
66621	7
66625	7

Remarks:

Copy To:
 Roy Williams: rsw@portlandmaine.gov
 Jim Stanislaski: jim_stanislaski@gensler.com
 Cliff Takara: clifford_takara@gensler.com
 Lacey Fogg: Lacey.Fogg@amec.com
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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:	06-Aug-10
Project No:	557-14	Concrete Supplier:	Auburn
Weather Conditions:	Sunny	General Contractor:	Turner
Method of Placement:	Pump	Design Strength:	3,000
Admixtures:	Mid Range Water Reducer	Max Agg. Size:	3/4
Placement Location:	Footings: XH/YZ.2, Z3, Z4, Z5; XH.5/Y2.5, Y3, Y3.5, Y4		
Test Cylinder Location:	XH.5/Y3		

Date Report Issued: AUG 16 2010

4x8 Cylinders	4	Cast by	Erik E. Cohenour	Time	
Load No.	2	Slump (in) ASTM C 143	6.25	Batched @	12:16
Ticket No.	178184	Air (°F)	85	Arrived @	--
Truck No.	101	Concrete (°F) ASTM C 1064	82	Total Time	--
Cubic Yds.	10.5	Air Content (%) ASTM C 231	7.2		

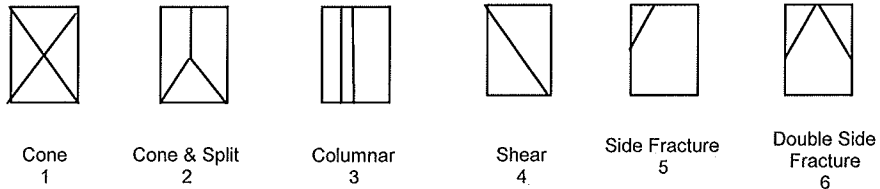
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 3
 Date received 09-Aug-10
 Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
66621	13-Aug-10	4.016	12.67	7	49,020	3870	3
66622	03-Sep-10			28			
66623	03-Sep-10			28			
66624	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.)
1	178183	106	10.5	--	--	--	--	--
3	178185	98	10.5	--	--	--	--	--
4	178186	94	10.5	--	--	--	--	38
5	--	--	10.0	--	--	--	--	37

Remarks: Curing Temperatures: Max = 96°, Min = 57°
 Total loads = 10

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

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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: Pump
Admixtures: Mid Range Water Reducer
Placement Location: Footings: XH/YZ.2, Z3, Z4, Z5; XH.5/Y2.5, Y3, Y3.5, Y4
Test Cylinder Location: XH.5/Z5

Date Cylinders Cast: 06-Aug-10
Concrete Supplier: Auburn
General Contractor: Turner
Design Strength: 3,000
Max Agg. Size: 3/4

Date Report Issued: **AUG 16 2010**

4x8 Cylinders	4	Cast by	Erik E. Cohenour	Time	
Load No.	7	Slump (in) ASTM C 143	5.25	Batched @	1:005
Ticket No.	178189	Air (°F)	85	Arrived @	1:28
Truck No.	86	Concrete (°F) ASTM C 1064	86	Total Time	--
Cubic Yds.	10	Air Content (%) ASTM C 231	6.2		

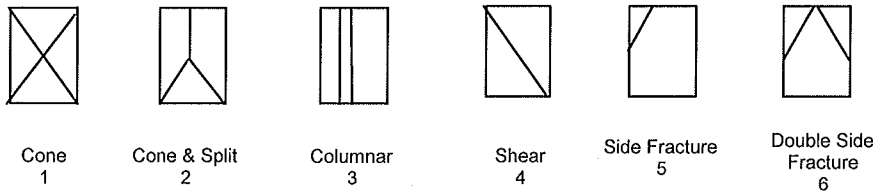
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 3
 Date received 09-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
66625	13-Aug-10	4.016	12.67	7	50,660	4000	5
66626	03-Sep-10			28			
66627	03-Sep-10			28			
66628	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.)
6	178188	96	10.0	--	--	--	--	--
8	178190	82	10.0	--	--	--	--	--
9	178191	101	10.0	--	--	--	--	--
10	178193	94	10.0	--	--	--	--	--

Remarks: Curing Temperatures: Max = 96°, Min = 57°
 Total loads = 10

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