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

Date:	Project No.:
September 7, 2010	557-14
Attention: Mr. Cuyler Feagles (cmf@portlandmaine.gov)	
Re: Concrete Testing Terminal Enhancement, Portland Int. Jetport Portland, Maine	

City of Portland, Portand Int. Jetport

1001 Westbrook Street

Portland, Maine 04102

We are sending you attached concrete cylinder test results.

Cylinder No. (s)	Age (Days)
66678	28
66679	28
66682	28
66683	28

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
Mike Fusco: mfusco@tcco.com
Shaun Winner: swinner@tcco.com
Phil Coleman: pcoleman@tcco.com
Elizabeth O'Toole: eotoole@tcco.com
TMM@portlandmaine.gov
ldobson@portlandmaine.gov
rdixon@tcco.com
gemitchell@tcco.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: Pump
Admixtures: Mid Range Water Reducer
Placement Location: Footings: Y8/XL-XM, XM/Y6-Y8, Y7/XK-XM.5, XM.5/Y7-Y6.8, Y6.8/XM-XM.5
Test Cylinder Location: Footing XM/Y6

Date Cylinders Cast: 10-Aug-10
Concrete Supplier: Auburn
General Contractor: Turner
Design Strength: 4,000
Max Agg. Size: 3/4
Date Report Issued: SEP 0 9 2010

4x8 Cylinders	4	Cast by	Michael J. Kramlich	Time	
Load No.	1	Slump (in) ASTM C 143	6.5	Batched @	1:04
Ticket No.	178217	Air (°F)	86	Arrived @	1:25
Truck No.	96	Concrete (°F) ASTM C 1064	84	Total Time	35
Cubic Yds.	10	Air Content (%) ASTM C 231	7.4		

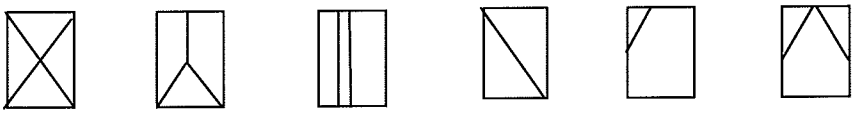
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1
Date received 11-Aug-10
Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
66677	17-Aug-10	4.018	12.68	7	44,780	3530	5
66678	07-Sep-10	4.015	12.66	28	62,840	4960	5
66679	07-Sep-10	4.015	12.66	28	62,700	4950	2
66680	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	178218	99	10	--	--	--	--	35
3	178219	101	10	--	--	--	--	35
4	178224	94	10	--	--	--	--	30
5	178225	97	10	--	--	--	--	40

Remarks: Curing Temperatures: Max = 91°, Min = 69°
10 Total loads

Checked by: _____
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: Y8/XL-XM, XM/Y6-Y8, Y7/XK-XM.5, XM.5/Y7-Y6.8, Y6.8/XM-XM.5
Test Cylinder Location: Footing Y7/XK-XL

Date Cylinders Cast: 10-Aug-10
Concrete Supplier: Auburn
General Contractor: Turner
Design Strength: 4,000
Max Agg. Size: 3/4
Date Report Issued: SEP 0 9 2010

4x8 Cylinders	4	Cast by	Michael J. Kramlich	Time	
Load No.	6	Slump (in) ASTM C 143	5.5	Batched @	2:16
Ticket No.	178226	Air (°F)	86	Arrived @	2:40
Truck No.	96	Concrete (°F) ASTM C 1064	86	Total Time	45
Cubic Yds.	10	Air Content (%) ASTM C 231	5.9		

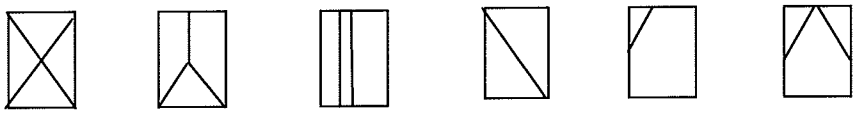
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1
Date received 11-Aug-10
Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
66681	17-Aug-10	4.018	12.68	7	50,660	4000	5
66682	07-Sep-10	4.015	12.66	28	71,640	5660	3
66683	07-Sep-10	4.015	12.66	28	70,540	5570	3
66684	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.)
7	178227	101	10	--	--	--	--	45
8	178228	--	10	--	--	--	--	--
9	178229	97	7	--	--	--	--	40
10	178230	96	2	--	--	--	--	40

Remarks: Curing Temperatures: Max = 91°, Min = 69°
10 Total loads

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