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.:
July 26, 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)
66333	7
66337	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
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: Zone 5: Footings: XH/Z2, XH/Z1, XJ/Y2, XJ/2.5, XH.5/Y2, XH.5/Y2.5; Wall: Line XJ/Y1.5 to 5' Southeast of Y2, Y1.5/XJ to 10' Southwest of XJ, 10' Southwest of XJ/Y1.5 to 5' Northwest of Y2.5; Pier: 5' Southwest of XM.5 & 4' Southeast of Y5.8
Test Cylinder Location: Footing at XH/Z2

Date Cylinders Cast: 19-Jul-10
Concrete Supplier: Auburn
General Contractor: Turner
Design Strength: 4,000
Max Agg. Size: 3/4
Date Report Issued: JUL 26 2010

4x8 Cylinders	4	Cast by	Michael J. Kramlich	Time	
Load No.	2	Slump (in) ASTM C 143	5.5	Batched @	1:16
Ticket No.	167535	Air (°F)	76	Arrived @	1:40
Truck No.	84	Concrete (°F) ASTM C 1064	85	Total Time	40
Cubic Yds.	10	Air Content (%) ASTM C 231	5.6		

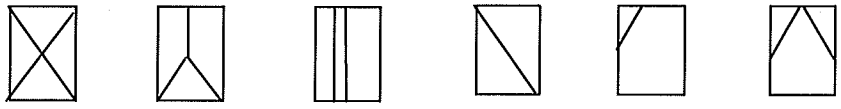
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1
Date received 20-Jul-10
Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
66333	26-Jul-10	4.014	12.65	7	47,140	3730	2
66334	16-Aug-10			28			
66335	16-Aug-10			28			
66336	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.)
1	167534	97	10	--	--	--	--	35
3	167536	96	10	--	--	--	--	45
4	167537	98	10	--	--	--	--	55
5	167538	85	10	--	--	--	--	50

Remarks: Curing Temperatures: Max = 86°, Min = 64°
Total loads = 7

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

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CONCRETE TEST/PLACEMENT REPORT

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Project No: 557-14
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Method of Placement: Pump
Admixtures: Mid Range Water Reducer
Placement Location: Zone 5: Footings: XH/Z2, XH/Z1, XJ/Y2, XJ/2.5, XH.5/Y2, XH.5/Y2.5; Wall: Line XJ/Y1.5 to 5' Southeast of Y2, Y1.5/XJ to 10' Southwest of XJ, 10' Southwest of XJ/Y1.5 to 5' Northwest of Y2.5; Pier: 5' Southwest of XM.5 & 4' Southeast of Y5.8
Test Cylinder Location: Footing at XJ/Y2 & Wall Line XJ/Y1.5 to 5' Southeast of Y2, Y1.5/XJ to 10' Southwest of XJ

Date Cylinders Cast: 19-Jul-10
Concrete Supplier: Auburn
General Contractor: Turner
Design Strength: 4,000
Max Agg. Size: 3/4
Date Report Issued: JUL 26 2010

4x8 Cylinders	4	Cast by	Michael J. Kramlich	Time	
Load No.	6	Slump (in) ASTM C 143	5.0	Batched @	1:59
Ticket No.	167540	Air (°F)	76	Arrived @	2:25
Truck No.	102	Concrete (°F) ASTM C 1064	86	Total Time	60
Cubic Yds.	10	Air Content (%) ASTM C 231	5.1		

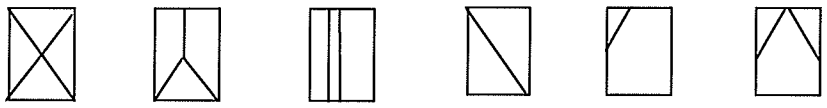
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1
Date received 20-Jul-10
Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
66337	26-Jul-10	4.014	12.65	7	46,140	3650	3
66338	16-Aug-10			28			
66339	16-Aug-10			28			
66340	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	167545	85	10	--	--	--	--	35

Remarks: Curing Temperatures: Max = 86°, Min = 64°
Total loads = 7

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