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.:
August 12, 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)
66291	28
66292	28
66295	28
66296	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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200 International Drive, Suite 170, Portsmouth, NH 03801 603-427-0244

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: Area B, zone 5 Walls along Y8 from XF.5 to XJ, Along XJ from Y8 to Y7, along Y7 from XJ to XL
Footings Along Line 8 from XK to XM
Test Cylinder Location: Footing XL, Y8

Date Cylinders Cast: 15-Jul-10
Concrete Supplier: Auburn
General Contractor: Turner
Design Strength: 4,000
Max Agg. Size: 3/4
Date Report Issued: AUG 13 2010

4x8 Cylinders	4	Cast by	Michael J. Kramlich	Time	
Load No.	2	Slump (in) ASTM C 143	6	Batched @	1:20
Ticket No.	167511	Air (°F)	83	Arrived @	1:50
Truck No.	101	Concrete (°F) ASTM C 1064	88	Total Time	35
Cubic Yds.	10	Air Content (%) ASTM C 231	5.4		

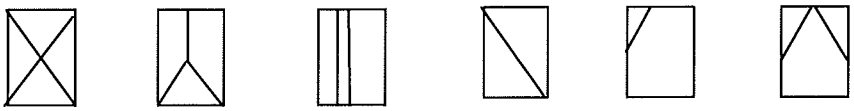
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1
Date received 16-Jul-10
Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
66290	22-Jul-10	4.016	12.67	7	56,700	4480	2
66291	12-Aug-10	4.014	12.65	28	70,620	5580	5
66292	12-Aug-10	4.014	12.65	28	68,660	5430	2
66293	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	510	96	10	--	--	88	--	45
3	512	86	10	--	--	--	--	35
4	513	94	10	--	--	--	--	35
5	514	96	10	--	--	--	--	--

Remarks: 7 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: Area B, zone 5 Walls along Y8 from XF.5 to XJ, Along XJ from Y8 to Y7, along Y7 from XJ to XL Footings Along Line 8 from XK to XM
Test Cylinder Location: Wall along line XJ, Y7 to Y8

Date Cylinders Cast: 15-Jul-10
Concrete Supplier: Auburn
General Contractor: Turner
Design Strength: 4,000
Max Agg. Size: 3/4
Date Report Issued: AUG 13 2010

4x8 Cylinders	4	Cast by	Michael J. Kramlich	Time	
Load No.	6	Slump (in) ASTM C 143	6	Batched @	2:17
Ticket No.	167517	Air (°F)	83	Arrived @	2:50
Truck No.	101	Concrete (°F) ASTM C 1064	88	Total Time	50
Cubic Yds.	10	Air Content (%) ASTM C 231	5.9		

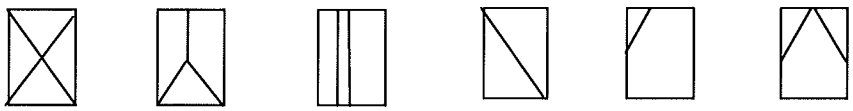
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1
Date received 16-Jul-10
Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
66294	22-Jul-10	4.016	12.67	7	50,280	3970	3
66295	12-Aug-10	4.014	12.65	28	64,060	5060	2
66296	12-Aug-10	4.014	12.65	28	64,780	5120	3
66297	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	510	96	10	--	--	88	--	45
3	512	86	10	--	--	--	--	35
4	513	94	10	--	--	--	--	35
5	514	96	10	--	--	--	--	--

Remarks: 7 Total Loads

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