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.:
19 May 2011	0557-014
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)
68223	28
68224	28
68227	28
68228	28
68231	28
68232	28
68235	28
68236	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
Remi Delcourt (remi@auburnconcrete.com)
Jeff Evans, Amec (jeff.evans@amec.com)

Signed: Bertha Dawn

If enclosures are not as noted, kindly notify us at once.

R.W. GILLESPIE & ASSOCIATES

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CONCRETE TEST/PLACEMENT REPORT

Project Name:	Terminal Enhancement at the Portland Jetport	**Date Cylinders Cast:**	21-Apr-11
Project No:	0557-014	**Concrete Supplier:**	Auburn Concrete
Weather Conditions:	Sunny, Breezy	**General Contractor:**	Turner
Method of Placement:	Pump	**Design Strength:**	4500 PSI
Admixtures:	Micro Air, Glenium 7500, Pozzutec 20+	**Max. Aggregate Size:**	3/4 In.

Placement Location: JetBlue Ramp and Apron - See Sketch

Test Cylinder Location: See Sketch

Date Report Issued: MAY 20 2011

4x8 Cylinders	4	Cast By		Michael J Kramlich	Time	
Load No.	2	Slump (in)	ASTM C 143	6	Batched @	8:02 AM
Ticket No.	179732	Air (°F)		46	Arrived @	8:23 AM
Truck No.	97	Concrete (°F)		55	Total Time	65 ±
Cubic Yds.	10	Air Content (%)	ASTM C 231	6.5		

*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field Cure Days: 1

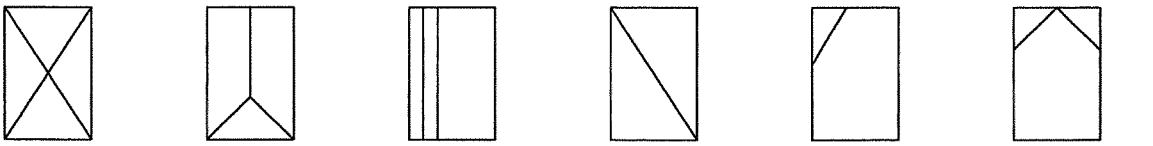
Date Received: 22-Apr-11

Condition of Cylinders: Good

Lab No.	Test Date	Ave Dia (in)	Ave Area (in^2)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break Type
68222	28-Apr-11	4.010	12.63	7	78225	6190	2
68223	19-May-11	4.009	12.62	28	95950	7600	5
68224	19-May-11	4.009	12.62	28	100500	7960	2
68225	HOLD			H			

*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	179731	98	10	--	46	--	--	70±
3	179733	115	10	--	--	--	--	60±
4	179734	98	10	--	--	--	--	50±
5	179737	95	10	--	48	--	--	40±

Remarks: Total loads = 17
Pozzutec 20+ used only in first two loads

Checked by: For Mathew T. Grady, Manager of MTS

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CONCRETE TEST/PLACEMENT REPORT

Project Name:	Terminal Enhancement at the Portland Jetport	**Date Cylinders Cast:**	21-Apr-11
Project No:	0557-014	**Concrete Supplier:**	Auburn Concrete
Weather Conditions:	Sunny, Windy	**General Contractor:**	Turner
Method of Placement:	Pump	**Design Strength:**	4500 PSI
Admixtures:	Micro Air, Glenium 7500	**Max. Aggregate Size:**	3/4 In.

Placement Location: JetBlue Ramp and Apron - See Sketch

Test Cylinder Location: See Sketch

MAY 2 0 2011

Date Report Issued:

4x8 Cylinders	4	Cast By	Michael J Kramlich	Time	
Load No.	6	Slump (in) ASTM C 143	7	Batched @	9:47 AM
Ticket No.	179738	Air (°F)	48	Arrived @	10:05 AM
Truck No.	115	Concrete (°F)	54	Total Time	60 ±
Cubic Yds.	10	Air Content (%) ASTM C 231	6.2		

*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field Cure Days: 1

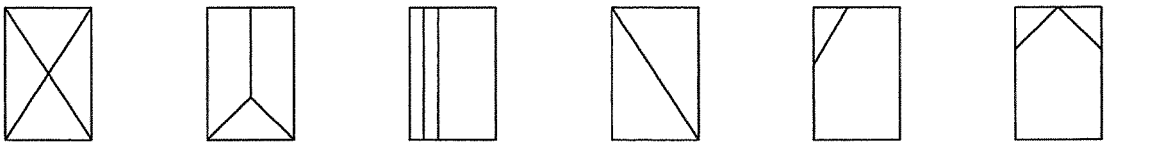
Date Received: 22-Apr-11

Condition of Cylinders: Good

Lab No.	Test Date	Ave Dia (in)	Ave Area (in^2)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break Type
68226	28-Apr-11	4.010	12.63	7	57140	4520	2
68227	19-May-11	4.009	12.62	28	77440	6130	5
68228	19-May-11	4.009	12.62	28	86555	6860	6
68229	HOLD			H			

*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	179743	96	10	--	--	--	--	90±
8	179744	97	10	--	--	--	--	--
9	179747	115	10	--	--	--	--	--
10	179751	118	10	--	--	--	--	35±

Remarks: Total loads = 17

Checked by: _____
For Mathew T. Grady, Manager of MTS

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CONCRETE TEST/PLACEMENT REPORT

Project Name:	Terminal Enhancement at the Portland Jetport	**Date Cylinders Cast:**	21-Apr-11
Project No:	0557-014	**Concrete Supplier:**	Auburn Concrete
Weather Conditions:	Sunny, Windy	**General Contractor:**	Turner
Method of Placement:	Pump	**Design Strength:**	4500 PSI
Admixtures:	Micro Air, Glenium 7500	**Max. Aggregate Size:**	3/4 In.

Placement Location: JetBlue Ramp and Apron - See Sketch

Test Cylinder Location: See Sketch

Date Report Issued: MAY 2 0 2011

4x8 Cylinders	4	Cast By		Michael J Kramlich	Time	
Load No.	11	Slump (in)	ASTM C 143	6.75	Batched @	11:56 AM
Ticket No.	179754	Air (°F)		49	Arrived @	12:17 PM
Truck No.	96	Concrete (°F)		55	Total Time	35 ±
Cubic Yds.	10	Air Content (%)	ASTM C 231	6.4		

*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field Cure Days: 1

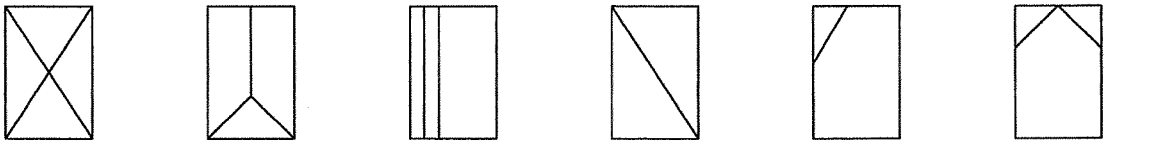
Date Received: 22-Apr-11

Condition of Cylinders: Good

Lab No.	Test Date	Ave Dia (in)	Ave Area (in^2)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break Type
68230	28-Apr-11	4.010	12.63	7	73700	5840	6
68231	19-May-11	4.009	12.62	28	101575	8050	2
68232	19-May-11	4.009	12.62	28	100365	7950	5
68233	HOLD			H			

*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)
12	179755	97	10	--	--	--	--	35±
13	179756	115	10	--	--	--	--	--
14	179758	118	10	--	--	--	--	40±
15	179761	96	10	--	--	--	--	35±
16	179762	115	10	--	--	--	--	40±

Remarks: Total loads = 17

Checked by: _____
For Mathew T. Grady, Manager of MTS

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CONCRETE TEST/PLACEMENT REPORT

Project Name:	Terminal Enhancement at the Portland Jetport	**Date Cylinders Cast:**	21-Apr-11
Project No:	0557-014	**Concrete Supplier:**	Auburn Concrete
Weather Conditions:	Cloudy, Windy	**General Contractor:**	Turner
Method of Placement:	Pump	**Design Strength:**	4500 PSI
Admixtures:	Micro Air, Glenium 7500	**Max. Aggregate Size:**	3/4 In.

Placement Location: JetBlue Ramp and Apron - See Sketch

Test Cylinder Location: See Sketch

Date Report Issued: MAY 20 2011

4x8 Cylinders	4	Cast By	Michael J Kramlich	Time	
Load No.	17	Slump (in) ASTM C 143	6.5	Batched @	1:57 PM
Ticket No.	179765	Air (°F)	45	Arrived @	2:30 PM
Truck No.	85	Concrete (°F)	54	Total Time	45 ±
Cubic Yds.	10	Air Content (%) ASTM C 231	6.3		

*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field Cure Days: 1

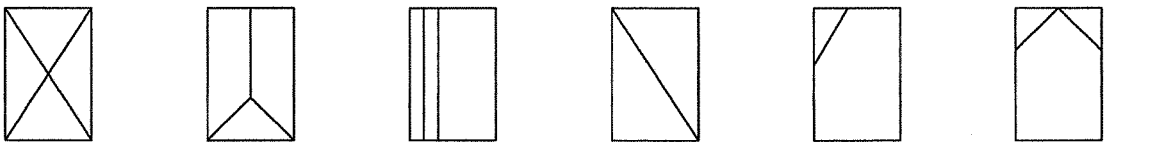
Date Received: 22-Apr-11

Condition of Cylinders: Good

Lab No.	Test Date	Ave Dia (in)	Ave Area (in^2)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break Type
68234	28-Apr-11	4.010	12.63	7	66300	5250	3
68235	19-May-11	4.009	12.62	28	94960	7520	3
68236	19-May-11	4.009	12.62	28	85785	6800	2
68237	HOLD			H			

*Concrete compressive strength by ASTM C 39

Types of Breaks

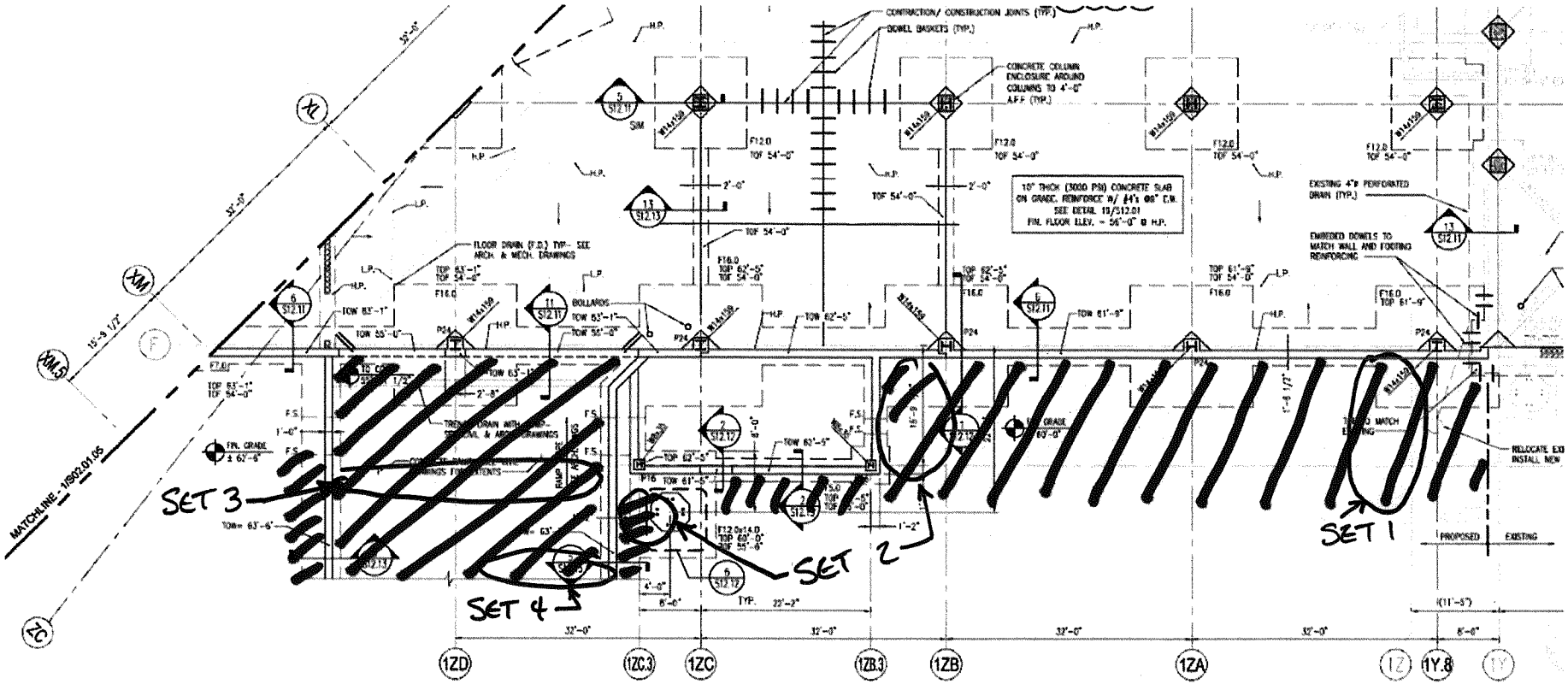


Cone 1 | Cone & Split 2 | Columnar 3 | Shear 4 | Side Fracture 5 | Double Side Fracture 6

Load	Ticket Number	Truck Number	Cubic Yds	Slump (inches)	Air Temp (°F)	Conc Temp (°F)	(%) Air Content	Time (min)

Remarks: Total loads = 17

Checked by: Tom C Kennedy
For Mathew T. Grady, Manager of MTS



FOUNDATION PLAN - LEVEL 1&2- ZONE 4

AREA OF CONCRETE PLACEMENT

170 YARDS, 4500 PSI MIX.

PORTLAND INT'L JETPORT
TERMINAL EXPANSION
0557-014
4/21/2011
MJK