

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:	13 July 2011	Project No.:	0557-014
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)
68565	28
68566	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

86 Industrial Park Road, Suite 4, Saco, ME 04072 (207) 286-8008
 200 International Drive, Suite 170, Portsmouth, NH 03801 (603) 427-0244

CONCRETE TEST/PLACEMENT REPORT

Project Name:	Terminal Enhancement at the Portland Jetport	Date Cylinders Cast:	15-Jun-11
Project No:	0557-014	Concrete Supplier:	Auburn Concrete
Weather Conditions:	Sunny	General Contractor:	Turner
Method of Placement:	Pump	Design Strength:	4500 PSI
Admixtures:	Glenium 7500, Micro Air	Max. Aggregate Size:	3/4 In.

Placement Location: Sidewalk - See Sketch (Approx. 7+80 - 6+00)

Test Cylinder Location: Panels (20'x10') @ 7+80 - 7+60, 7+40 - 7+20, 7+00 - 6+80

JUL 13 2011

Date Report Issued:

4x8 Cylinders	4	Cast By	Michael J Kramlich		Time Batched @ 11:39 AM Arrived @ 12:00 PM Total Time 80 ±
Load No.	1	Slump (in)	ASTM C 143	6.5 7.0	
Ticket No.	190134	Air (°F)	70		
Truck No.	99	Concrete (°F)	67		
Cubic Yds.	10	Air Content (%)	ASTM C 231	7.2	

*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field Cure Days: 1

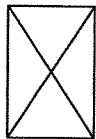
Date Received: 16-Jun-11

Condition of Cylinders: Good

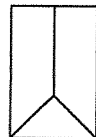
Lab No.	Test Date	Ave Dia (in)	Ave Area (in ²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break Type
68564	22-Jun-11	4.015	12.66	7	69180	5460	2
68565	13-Jul-11	4.007	12.61	28	89920	7130	2
68566	13-Jul-11	4.007	12.61	28	89120	7070	2
68567	HOLD			H			

*Concrete compressive strength by ASTM C 39

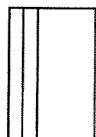
Types of Breaks



Cone
1



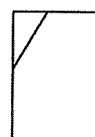
Cone & Split
2



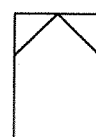
Columnar
3



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)
2	190136	76	10	--	--	--	--	60±
3	190136	85	7	--	--	--	--	--

Remarks: Concrete flatwork contractor added water to load 1 after +/- 6 yds were discharged. Slump after adding water was 7". General Contractor Turner Construction was notified of 7" slump, who turned the remainder of the load away from the site.

Checked by:
 Mathew T. Grady, Manager of MTS

SIDEWALK PLACEMENT

PORTLAND INT'L AIRPORT
TERMINAL EXPANSION
0557-014
02/15/2011
MSK

SHEET NOTES

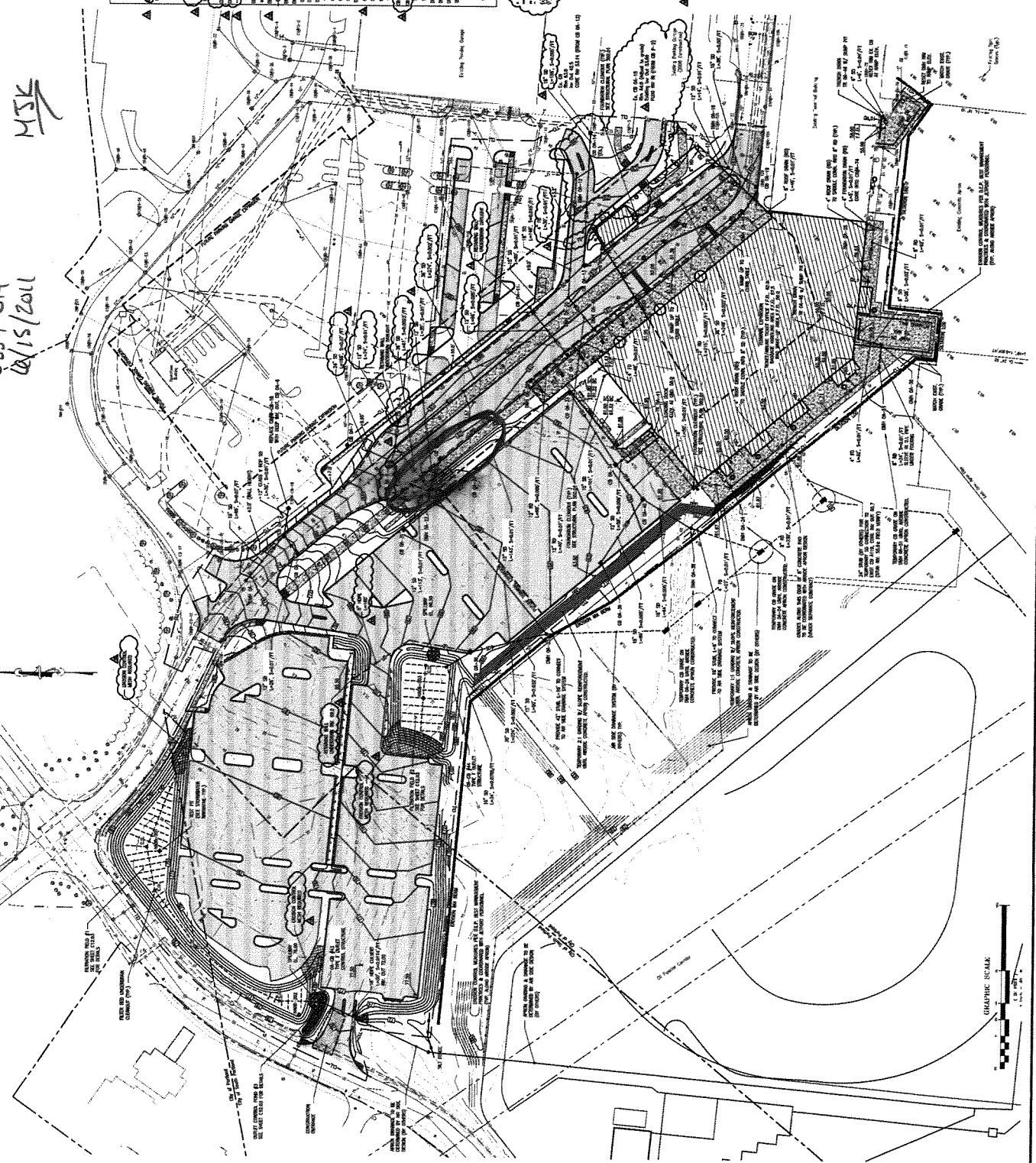
1. SEE EXISTING CONDITIONS FOR DETAILS OF THE WORK.

NO.	DATE	BY	DESCRIPTION
1	02/15/2011	MSK	ISSUED FOR PERMIT
2	02/15/2011	MSK	ISSUED FOR PERMIT
3	02/15/2011	MSK	ISSUED FOR PERMIT
4	02/15/2011	MSK	ISSUED FOR PERMIT
5	02/15/2011	MSK	ISSUED FOR PERMIT
6	02/15/2011	MSK	ISSUED FOR PERMIT
7	02/15/2011	MSK	ISSUED FOR PERMIT
8	02/15/2011	MSK	ISSUED FOR PERMIT
9	02/15/2011	MSK	ISSUED FOR PERMIT
10	02/15/2011	MSK	ISSUED FOR PERMIT
11	02/15/2011	MSK	ISSUED FOR PERMIT
12	02/15/2011	MSK	ISSUED FOR PERMIT
13	02/15/2011	MSK	ISSUED FOR PERMIT
14	02/15/2011	MSK	ISSUED FOR PERMIT
15	02/15/2011	MSK	ISSUED FOR PERMIT
16	02/15/2011	MSK	ISSUED FOR PERMIT
17	02/15/2011	MSK	ISSUED FOR PERMIT
18	02/15/2011	MSK	ISSUED FOR PERMIT
19	02/15/2011	MSK	ISSUED FOR PERMIT
20	02/15/2011	MSK	ISSUED FOR PERMIT
21	02/15/2011	MSK	ISSUED FOR PERMIT
22	02/15/2011	MSK	ISSUED FOR PERMIT
23	02/15/2011	MSK	ISSUED FOR PERMIT
24	02/15/2011	MSK	ISSUED FOR PERMIT
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26	02/15/2011	MSK	ISSUED FOR PERMIT
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32	02/15/2011	MSK	ISSUED FOR PERMIT
33	02/15/2011	MSK	ISSUED FOR PERMIT
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43	02/15/2011	MSK	ISSUED FOR PERMIT
44	02/15/2011	MSK	ISSUED FOR PERMIT
45	02/15/2011	MSK	ISSUED FOR PERMIT
46	02/15/2011	MSK	ISSUED FOR PERMIT
47	02/15/2011	MSK	ISSUED FOR PERMIT
48	02/15/2011	MSK	ISSUED FOR PERMIT
49	02/15/2011	MSK	ISSUED FOR PERMIT
50	02/15/2011	MSK	ISSUED FOR PERMIT

8

GENERAL NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, SEVENTH EDITION, AND THE STANDARD SPECIFICATIONS FOR PORTLAND CEMENT CONCRETE, SEVENTH EDITION, BOTH PUBLISHED BY THE PORTLAND CEMENT ASSOCIATION.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPLICABLE AGENCIES.
3. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AND UTILITIES AT ALL TIMES.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES.
5. THE CONTRACTOR SHALL MAINTAIN ADEQUATE DRAINAGE AND EROSION CONTROL MEASURES THROUGHOUT THE PROJECT.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND RESTORATION OF ALL ENVIRONMENTAL RESOURCES.
7. THE CONTRACTOR SHALL MAINTAIN ADEQUATE ACCESS TO ALL ADJACENT PROPERTIES AND UTILITIES AT ALL TIMES.
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Portland International
Jetport
101 Westbank Street
Portland, Maine 04102

Gensler
msa ASSOCIATES, INC.
engineers • architects • interior architects • construction managers



Scale: 1" = 40'
C02.02