

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:	12 August, 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)
68688	28
68689	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
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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-Jul-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:	Raised Table		
Test Cylinder Location:	Southwest Corner		

AUG 12 2011

Date Report Issued:

4x8 Cylinders	4	Cast By	Matt A O'Connor		Time
Load No.	3	Slump (in)	ASTM C 143	4.5	Batched @ 8:30 AM
Ticket No.	188593	Air (°F)		68	Arrived @ 8:50 AM
Truck No.	116	Concrete (°F)		78	Total Time -- ±
Cubic Yds.	10	Air Content (%)	ASTM C 231	6.0	

*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field Cure Days: 3

Date Received: 18-Jul-11

Condition of Cylinders: Good

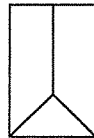
Lab No.	Test Date	Ave Dia (in)	Ave Area (in ²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break Type
68687	22-Jul-11	4.010	12.63	7	67555	5350	3
68688	12-Aug-11	4.010	12.63	28	82140	6500	2
68689	12-Aug-11	4.010	12.63	28	84275	6670	2
68690	HOLD			H			

*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	188590	76	10	--	--	--	--	90
*2	188591	78	10	--	--	--	--	75
4	188595	101	10	--	--	--	--	70
5	188597	118	10	--	--	--	--	65
6	188599	81	10	--	--	--	--	60
7	188600	76	10	--	--	--	--	--

Remarks: *Load 1 & half of load 2 were used for sidewalk.
 Curing temperatures: High = 88°, Low = 64°

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

7-5-14

Portland International
Jetport
1001 Westbrook Street
Portland, Maine 04102

Genier

MAESTRO ASSOCIATES, INC.
ENGINEERS • ARCHITECTS • INTERIORS • PLANNERS

1001 Westbrook St.,
Portland, ME 04102
Tel: 603.763.2300
Fax: 603.763.2301

Terminal enhancement
557-14
7-15-11
MAO

NO.	DATE	DESCRIPTION	BY	CHK.
1	07/17/08	ISSUED FOR PERMIT	MA	MA
2	08/14/08	REVISED PER COMMENTS	MA	MA
3	08/20/08	REVISED PER COMMENTS	MA	MA
4	09/02/08	REVISED PER COMMENTS	MA	MA
5	09/02/08	REVISED PER COMMENTS	MA	MA
6	09/02/08	REVISED PER COMMENTS	MA	MA
7	09/02/08	REVISED PER COMMENTS	MA	MA
8	09/02/08	REVISED PER COMMENTS	MA	MA
9	09/02/08	REVISED PER COMMENTS	MA	MA
10	09/02/08	REVISED PER COMMENTS	MA	MA



MAESTRO ASSOCIATES, INC.
1001 WESTBROOK STREET
PORTLAND, ME 04102
TEL: 603.763.2300
FAX: 603.763.2301

Scale: 1" = 4'
Sheet No.: C02.01

SHEET NOTES

NO.	DATE	DESCRIPTION	BY	CHK.
1	07/17/08	ISSUED FOR PERMIT	MA	MA
2	08/14/08	REVISED PER COMMENTS	MA	MA
3	08/20/08	REVISED PER COMMENTS	MA	MA
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7	09/02/08	REVISED PER COMMENTS	MA	MA
8	09/02/08	REVISED PER COMMENTS	MA	MA
9	09/02/08	REVISED PER COMMENTS	MA	MA
10	09/02/08	REVISED PER COMMENTS	MA	MA

GENERAL NOTES

1. ALL DIMENSIONS UNLESS OTHERWISE NOTED ARE IN FEET.
2. ALL DIMENSIONS UNLESS OTHERWISE NOTED ARE TO FACE UNLESS OTHERWISE NOTED.
3. CONCRETE SHALL BE 4000 PSI COMPRESSIVE STRENGTH.
4. ALL CONCRETE SHALL BE CAST IN PLACE UNLESS OTHERWISE NOTED.
5. ALL CONCRETE SHALL BE CAST IN PLACE UNLESS OTHERWISE NOTED.
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CONCRETE	4000 PSI
REINFORCEMENT	#4
SPALLS	2" MIN.
FINISH	AS SHOWN

