

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:	June 4, 2010	Project No.:	557-14
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)
65644	7
65645	7
65648	7
65649	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

Signed: Bertha Dawn

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

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

CONCRETE TEST/PLACEMENT REPORT

Project Name:	Terminal Enhancement, Portland Int. Jetport	Date Cylinders Cast:	28-May-10
Project No:	557-14	Concrete Supplier:	Auburn
Weather Conditions:	Sunny	General Contractor:	Turner
Method of Placement:	Pump	Design Strength:	4,000
Admixtures:	Mid Range Water Reducer	Max Agg. Size:	3/4
Placement Location:	Footings: Line 24.5/XC to XC.3 through Z6/XC to XC.3		
Test Cylinder Location:	XC/Z6		

Date Report Issued: JUN 07 2010

4x8 Cylinders	4	Cast by	Rodney R. Collard	Time
Load No.	1	Slump (in) ASTM C 143	5.0	Batched @
Ticket No.	170393	Air (°F)	82	Arrived @
Truck No.	99	Concrete (°F) ASTM C 1064	77	Total Time
Cubic Yds.	10	Air Content (%) ASTM C 231	4.5	47

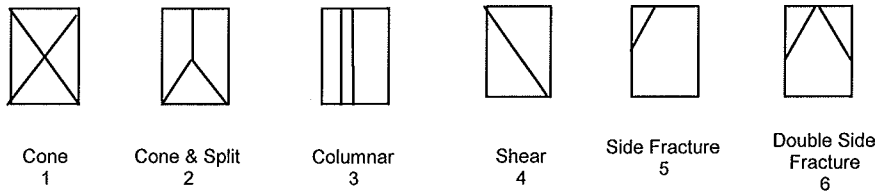
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 4
Date received 01-Jun-10
Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in ²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
65644	04-Jun-10	4.023	12.71	7	45,900	3610	2
65645	04-Jun-10	4.023	12.71	7	46,200	3630	2
65646	25-Jun-10			28			
65647	25-Jun-10			28			

*Concrete compressive strength by ASTM C 39

Types of Breaks



Load	Ticket Number	Truck Number	Cubic Yds	Slump (inches)	Air Temp (°F)	Conc Temp (°F)	(%) Air Content	Time (min.)
2	170394	116	10	--	--	--	--	47
3	170395	84	10	--	--	--	--	48
4	170396	78	10	--	--	--	--	53
5	170397	86	10	--	--	--	--	46

Remarks: Total loads = 9
Curing Temperatures: Max = 83°, Min = 68°

Checked by: 
Matthew T. Grady, Manager of MTS

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
CONCRETE TEST/PLACEMENT REPORT

Project Name:	Terminal Enhancement, Portland Int. Jetport	Date Cylinders Cast:	28-May-10
Project No:	557-14	Concrete Supplier:	Auburn
Weather Conditions:	Sunny	General Contractor:	Turner
Method of Placement:	Pump	Design Strength:	4,000
Admixtures:	Mid Range Water Reducer	Max Agg. Size:	3/4
Placement Location:	Footings: Line 24.5/XC to XC.3 through Z6/XC to XC.3.		
Test Cylinder Location:	XC.3/Z6 to Z6, XC/Z5		

Date Report Issued: JUN 07 2010

4x8 Cylinders	4	Cast by	Rodney R. Collard	Time	
Load No.	6	Slump (in) ASTM C 143	5.75	Batched @	1:03
Ticket No.	170398	Air (°F)	82	Arrived @	1:27
Truck No.	96	Concrete (°F) ASTM C 1064	80	Total Time	45
Cubic Yds.	10	Air Content (%) ASTM C 231	4.9		

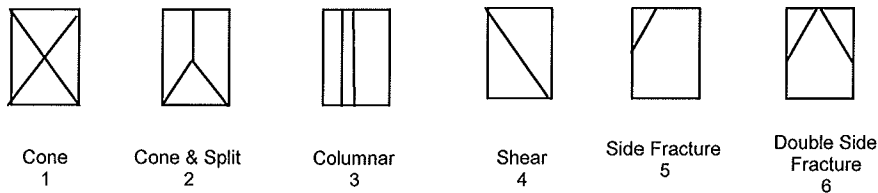
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 4
 Date received 01-Jun-10
 Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in ²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
65648	04-Jun-10	4.023	12.71	7	44,680	3520	2
65649	04-Jun-10	4.023	12.71	7	43,980	3460	3
65650	25-Jun-10			28			
65651	25-Jun-10			28			


*Concrete compressive strength by ASTM C 39

Types of Breaks



Load	Ticket Number	Truck Number	Cubic Yds	Slump (inches)	Air Temp (°F)	Conc Temp (°F)	(%) Air Content	Time (min.)
7	170399	101	10	--	--	--	--	--
8	170400	116	10	--	--	--	--	--
9	170401	84	6	--	--	--	--	--

Remarks: Total loads = 9
 Curing Temperatures: Max = 83°, Min = 68°

Checked by: 
 Matthew T. Grady, Manager of MTS