

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:	29 November 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)
67830	11
67834	11
67838	11

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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TMM@portlandmaine.gov
ldobson@portlandmaine.gov
rdixon@tcco.com
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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.

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CONCRETE TEST/PLACEMENT REPORT

Project Name:	Terminal Enhancement, Portland Int. Jetport	Date Cylinders Cast:	18-Nov-10
Project No:	557-14	Concrete Supplier:	Auburn
Weather Conditions:	Clear	General Contractor:	Turner
Method of Placement:	Pump	Design Strength:	3,000
Admixtures:	Mid Range Water Reducer, 1% Pozzutec	Max Agg. Size:	3/4
Placement Location:	Slab On Grade -Section 2-1		
Test Cylinder Location:	See sketch		

Date Report Issued:

4x8 Cylinders	4	Cast by	Erik E. Cohenour	Time
Load No.	3	Slump (in) ASTM C 143	5.25	Batched @ 7:16
Ticket No.	179183	Air (°F)	47	Arrived @ --
Truck No.	85	Concrete (°F) ASTM C 1064	68	Total Time --
Cubic Yds.	10	Air Content (%) ASTM C 231	2.6	

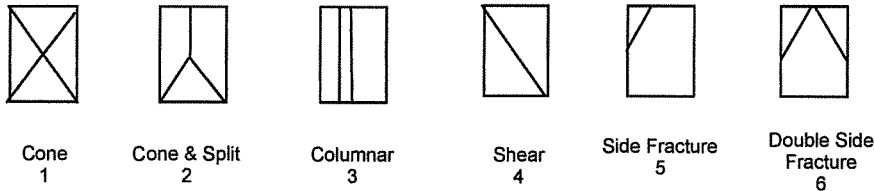
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1
Date received 19-Nov-10
Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
67830	29-Nov-10	4.007	12.61	11	61,840	4900	2
67831	16-Dec-10			28			
67832	16-Dec-10			28			
67833	HOLD			HOLD			

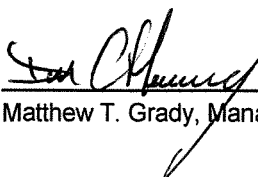
*Concrete compressive strength by ASTM C 39

Types of Breaks



Load	Ticket Number	Truck Number	Cubic Yds	Slump (inches)	Air Temp (°F)	Conc Temp (°F)	(%) Air Content	Time (min.)
1	179181	101	10	--	--	--	--	--
2	179182	76	10	--	--	--	--	--
4	179184	86	10	--	--	--	--	--
5	179185	101	10	--	--	--	--	--

Remarks: Curing Temps: High 73°, Low 53°
Total Loads: 16

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

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Weather Conditions:	Clear	General Contractor:	Turner
Method of Placement:	Pump	Design Strength:	3,000
Admixtures:	Mid Range Water Reducer, 1% Pozzutec	Max Agg. Size:	3/4
Placement Location:	Slab On Grade -Section 2-1		
Test Cylinder Location:	See sketch		

Date Report Issued:

4x8 Cylinders	4	Cast by	Erik E. Cohenour	Time		
Load No.	7	Slump (in) ASTM C 143	6		Batched @	8:46
Ticket No.	179187	Air (°F)	47		Arrived @	--
Truck No.	86	Concrete (°F) ASTM C 1064	67		Total Time	--
Cubic Yds.	10	Air Content (%) ASTM C 231	2.5			

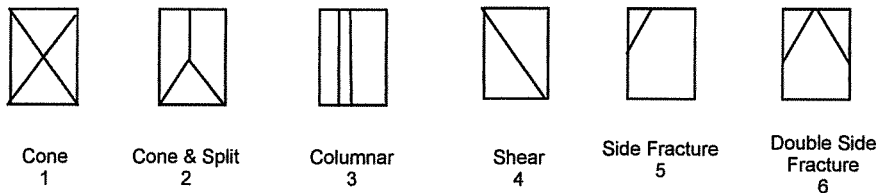
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1
Date received 19-Nov-10
Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in ²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
67834	29-Nov-10	4.007	12.61	11	61,820	4900	2
67835	16-Dec-10			28			
67836	16-Dec-10			28			
67837	HOLD			HOLD			


*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.)
6	179186	76	10	--	--	--	--	--
8	179188	101	10	--	--	--	--	--
9	179189	84	10	--	--	--	--	--
10	179190	76	10	--	--	--	--	--

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Admixtures:	Mid Range Water Reducer, 1% Pozzutec	Max Agg. Size:	3/4
Placement Location:	Slab On Grade -Section 2-1		
Test Cylinder Location:	See sketch		

Date Report Issued:

4x8 Cylinders	4	Cast by	Erik E. Cohenour	Time	
Load No.	12	Slump (in) ASTM C 143	6	Batched @	10:02
Ticket No.	179192	Air (°F)	50	Arrived @	--
Truck No.	101	Concrete (°F) ASTM C 1064	69	Total Time	--
Cubic Yds.	10	Air Content (%) ASTM C 231	2.8		

*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 1
Date received 19-Nov-10
Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in ²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
67838	29-Nov-10	4.007	12.61	11	60,440	4790	5
67839	16-Dec-10			28			
67840	16-Dec-10			28			
67841	HOLD			HOLD			

*Concrete compressive strength by ASTM C 39

Types of Breaks



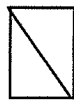
Cone
1



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.)
11	179191	86	10	--	--	--	--	--
13	179193	84	10	--	--	--	--	--
14	179194	76	10	--	--	--	--	--
15	179195	86	10	--	--	--	--	--
16	179196	101	10	--	--	--	--	--

Remarks: Curing Temps: High 73°, Low 53°
Total Loads: 16

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FOR Matthew T. Grady, Manager of MTS