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.:
September 27, 2010	557-14
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)
67205	2
67211	2

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)

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
Project No: 557-14
Weather Conditions: Overcast
Method of Placement: Pump
Admixtures: Mid Range Water Reducer
Placement Location: Lightweight slab on deck - 3rd floor (1 & 2); Normal weight slab on grade - ground floor (3 - 8)
Test Cylinder Location: See attached sketch

Date Cylinders Cast: 24-Sep-10
Concrete Supplier: Auburn
General Contractor: Turner
Design Strength: 3,500
Max Agg. Size: 3/8

Date Report Issued: SEP 2 7 2010

4x8 Cylinders	6	Cast by	Erik E. Cohenour	Time	
Load No.	2	Slump (in) ASTM C 143	5	Batched @	7:18
Ticket No.	180874	Air (°F)	59	Arrived @	--
Truck No.	97	Concrete (°F) ASTM C 1064	70	Total Time	60
Cubic Yds.	10	Air Content (%) ASTM C 231	4.0		

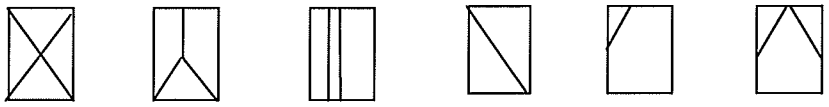
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 3
Date received 27-Sep-10
Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
67205	27-Sep-10	4.012	12.64	3	38,900	3080	2
67206	01-Oct-10			7			
67207	22-Oct-10			28			
67208	22-Oct-10			28			
67209	HOLD			HOLD			
67210	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.)
1	180870	86	10	--	57	--	--	40
3	180876	98	10	--	--	--	--	--
4	180877	106	10	--	--	--	--	--
5	180878	100	10	--	--	--	--	--

Remarks: 7 Total Loads lightweight, Unit Weight = 123.2 pcf
30 Total Loads normal weight
Curing Temperatures: Max = 79°, Min = 56°

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

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Concrete Supplier: Auburn
General Contractor: Turner
Design Strength: 3,500
Max Agg. Size: 3/8

Date Report Issued: SEP 2 7 2010

4x8 Cylinders	6	Cast by	Erik E. Cohenour	Time	
Load No.	6	Slump (in) ASTM C 143	8	Batched @	8:00
Ticket No.	180879	Air (°F)	60	Arrived @	8:20
Truck No.	101	Concrete (°F) ASTM C 1064	72	Total Time	40
Cubic Yds.	10	Air Content (%) ASTM C 231	3.25		

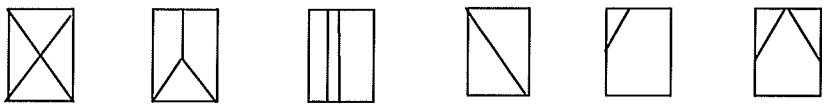
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 3
Date received 27-Sep-10
Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
67211	27-Sep-10	4.015	12.66	3	29,900	2360	5
67212	01-Oct-10			7			
67213	22-Oct-10			28			
67214	22-Oct-10			28			
67215	HOLD			HOLD			
67216	HOLD			HOLD			

*Concrete compressive strength by ASTM C 39

Types of Breaks

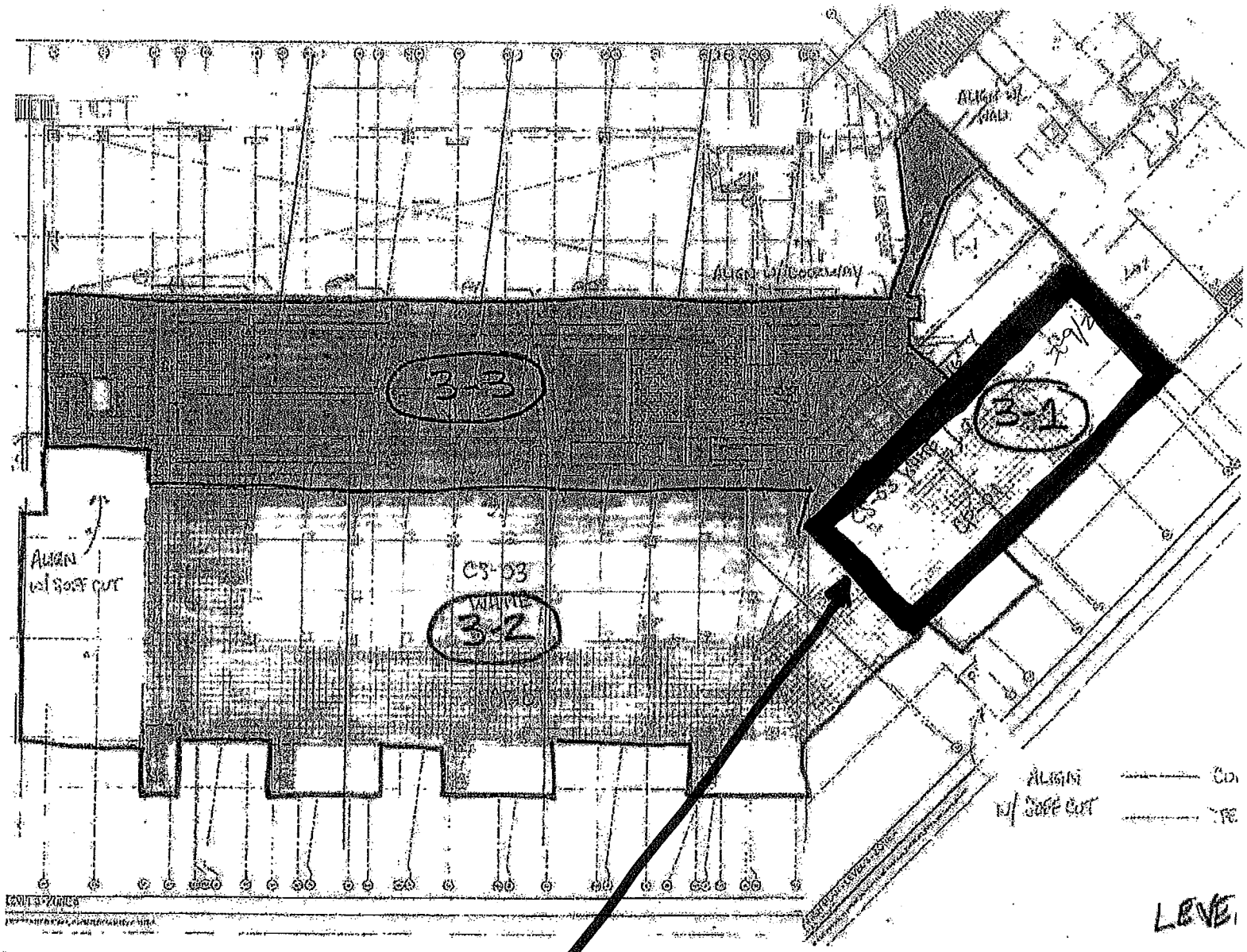


Cone 1 | Cone & Split 2 | Columnar 3 | Shear 4 | Side Fracture 5 | Double Side Fracture 6

Load	Ticket Number	Truck Number	Cubic Yds	Slump (inches)	Air Temp (°F)	Conc Temp (°F)	(%) Air Content	Time (min.)
7	180880	96	10	--	--	--	--	--

Remarks: 7 Total Loads lightweight, Unit Weight = 123.0 pcf
30 Total Loads normal weight
Curing Temperatures: Max = 79°, Min = 56°

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



LIGHTWEIGHT CONC. PLACEMENT
3RD FLOOR

3

PORTLAND INT'L JETPORT
TERMINAL EXPANSION
557-14
9-24-2010
MJK