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.:
December 10, 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)
67772	28
67773	28
67776	28
67777	28
67780	28
67781	28
67784	28
67785	28
67788	28
67789	28
67792	28
67793	28

Remarks:

Signed: Bertha Dawn

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)

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
Project No: 557-14
Weather Conditions: Clear, Cool
Method of Placement: Pump
Admixtures: Mid Range Water Reducer, Pozzutec
Placement Location: Slab on Grade - Section 2-3b
Test Cylinder Location: See Attached Sketch

Date Cylinders Cast: 12-Nov-10
Concrete Supplier: Auburn
General Contractor: Turner
Design Strength: 3,000
Max Agg. Size: 3/8

Date Report Issued: DEC 10 2010

4x8 Cylinders	4	Cast by	Erik E. Cohenour	Time	
Load No.	2	Slump (in) ASTM C 143	3.0	Batched @	6:55
Ticket No.	180430	Air (°F)	42	Arrived @	--
Truck No.	98	Concrete (°F) ASTM C 1064	65	Total Time	--
Cubic Yds.	10	Air Content (%) ASTM C 231	4.2		

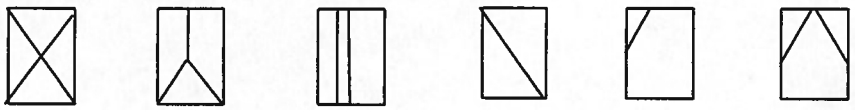
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 3
Date received 15-Nov-10
Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
67771	19-Nov-10	4.008	12.62	7	58,440	4630	2
67772	10-Dec-10	4.009	12.62	28	72,120	5710	5
67773	10-Dec-10	4.009	12.62	28	71,020	5630	2
67774	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	180429	76	10	--	--	--	--	--
3	180432	118	10	--	--	--	--	--
4	180436	84	10	--	--	--	--	--

Remarks: Total loads = 8
Curing Temperatures: Max = 75°, Min = 48°

Checked by: Don C. Hammond
For 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
Project No: 557-14
Weather Conditions: Clear, Cool
Method of Placement: Pump
Admixtures: Mid Range Water Reducer, Pozzutec
Placement Location: Slab on Grade - Section 2-3b
Test Cylinder Location: See Attached Sketch

Date Cylinders Cast: 12-Nov-10
Concrete Supplier: Auburn
General Contractor: Turner
Design Strength: 3,000
Max Agg. Size: 3/8

Date Report Issued: DEC 10 2010

4x8 Cylinders	4	Cast by	Erik E. Cohenour	Time	
Load No.	6	Slump (in) ASTM C 143	4.0	Batched @	--
Ticket No.	180441	Air (°F)	45	Arrived @	--
Truck No.	118	Concrete (°F) ASTM C 1064	67	Total Time	--
Cubic Yds.	10	Air Content (%) ASTM C 231	3.9		

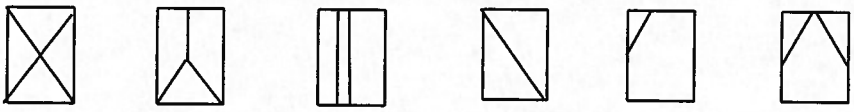
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 3
Date received 15-Nov-10
Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
67775	19-Nov-10	4.008	12.62	7	60,880	4820	2
67776	10-Dec-10	4.009	12.62	28	64,560	5120	5
67777	10-Dec-10	4.009	12.62	28	70,440	5580	2
67778	HOLD			HOLD			

*Concrete compressive strength by ASTM C 39

Types of Breaks

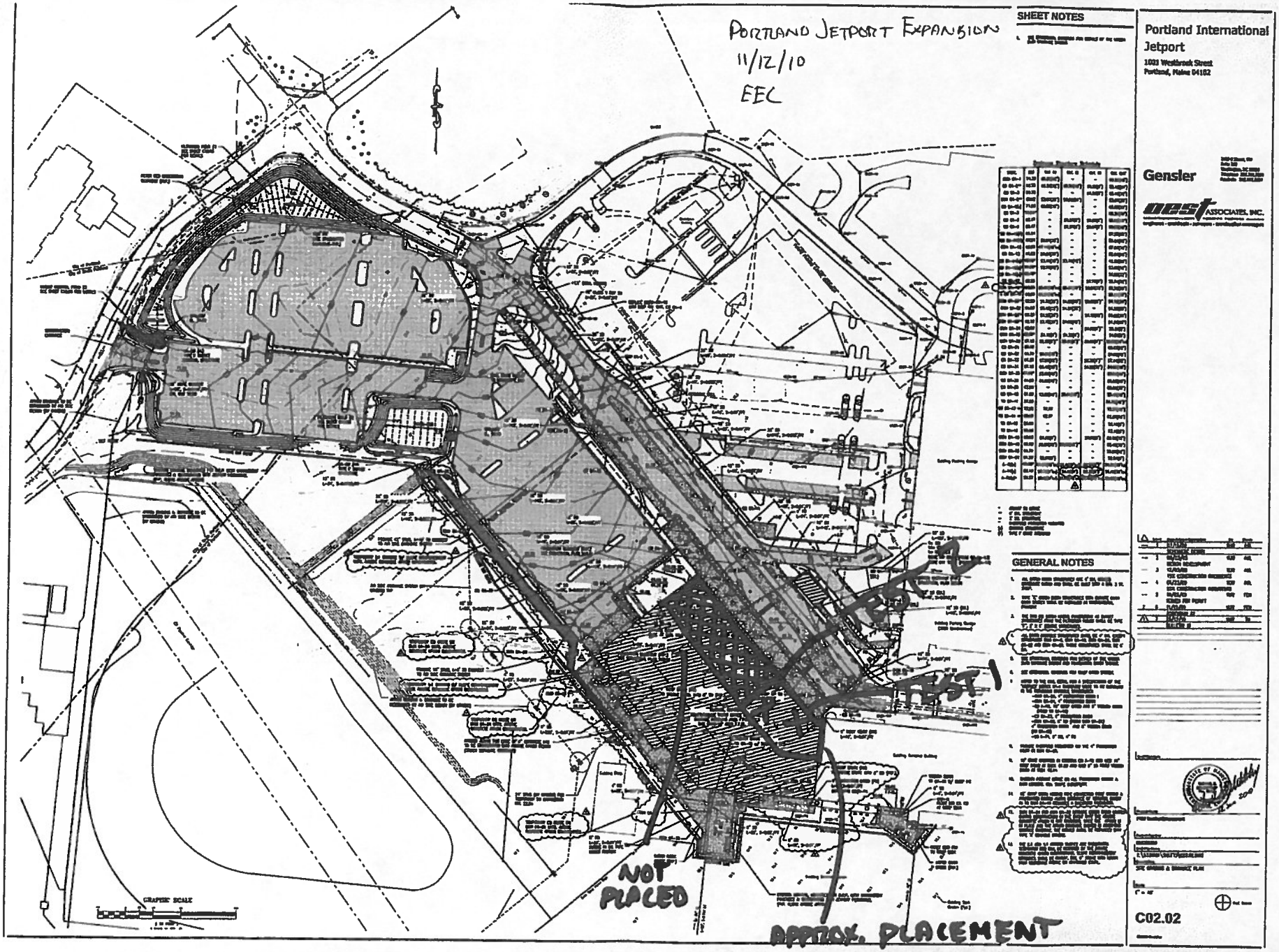


Cone 1 | Cone & Split 2 | Columnar 3 | Shear 4 | Side Fracture 5 | Double Side Fracture 6

Load	Ticket Number	Truck Number	Cubic Yds	Slump (inches)	Air Temp (°F)	Conc Temp (°F)	(%) Air Content	Time (min.)
5	--	--	10	--	--	--	--	--
7	--	--	10	--	--	--	--	--
8	--	--	10	--	--	--	--	--

Remarks: Total loads = 8
Curing Temperatures: Max = 75°, Min = 48°

Checked by: Dan C Hennessy
FOR Matthew T. Grady, Manager of MTS


PORTLAND JETPORT EXPANSION
11/12/10
EEC
SHEET NOTES
GENERAL NOTES
Portland International Jetport
1001 Westbrook Street
Portland, Maine 04102
Gensler
oest ASSOCIATES, INC.
C02.02
NOT PLACED
APPROX. PLACEMENT
GRAPHIC SCALE

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
Project No: 557-14
Weather Conditions: Sunny
Method of Placement: Rear Discharge
Admixtures: 1% Pozzutec 20, Mid Range Water Reducer
Placement Location: Lower Lot Sidewalks
Test Cylinder Location: See Attached Sketch

Date Cylinders Cast: 12-Nov-10
Concrete Supplier: Auburn
General Contractor: Turner
Design Strength: 4,500
Max Agg. Size: 3/4

Date Report Issued: DEC 10 2010

4x8 Cylinders	4	Cast by	Erik E. Cohenour	Time	
Load No.	2	Slump (in) ASTM C 143	6.0	Batched @	11:21
Ticket No.	179233	Air (°F)	47	Arrived @	11:46
Truck No.	86	Concrete (°F) ASTM C 1064	58	Total Time	--
Cubic Yds.	10	Air Content (%) ASTM C 231	7.8		

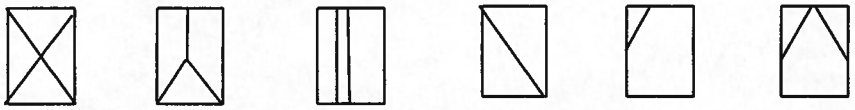
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 3
Date received 15-Nov-10
Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
67779	19-Nov-10	4.008	12.62	7	48,160	3820	2
67780	10-Dec-10	4.009	12.62	28	68,240	5410	2
67781	10-Dec-10	4.009	12.62	28	70,920	5620	2
67782	HOLD			HOLD			

*Concrete compressive strength by ASTM C 39

Types of Breaks

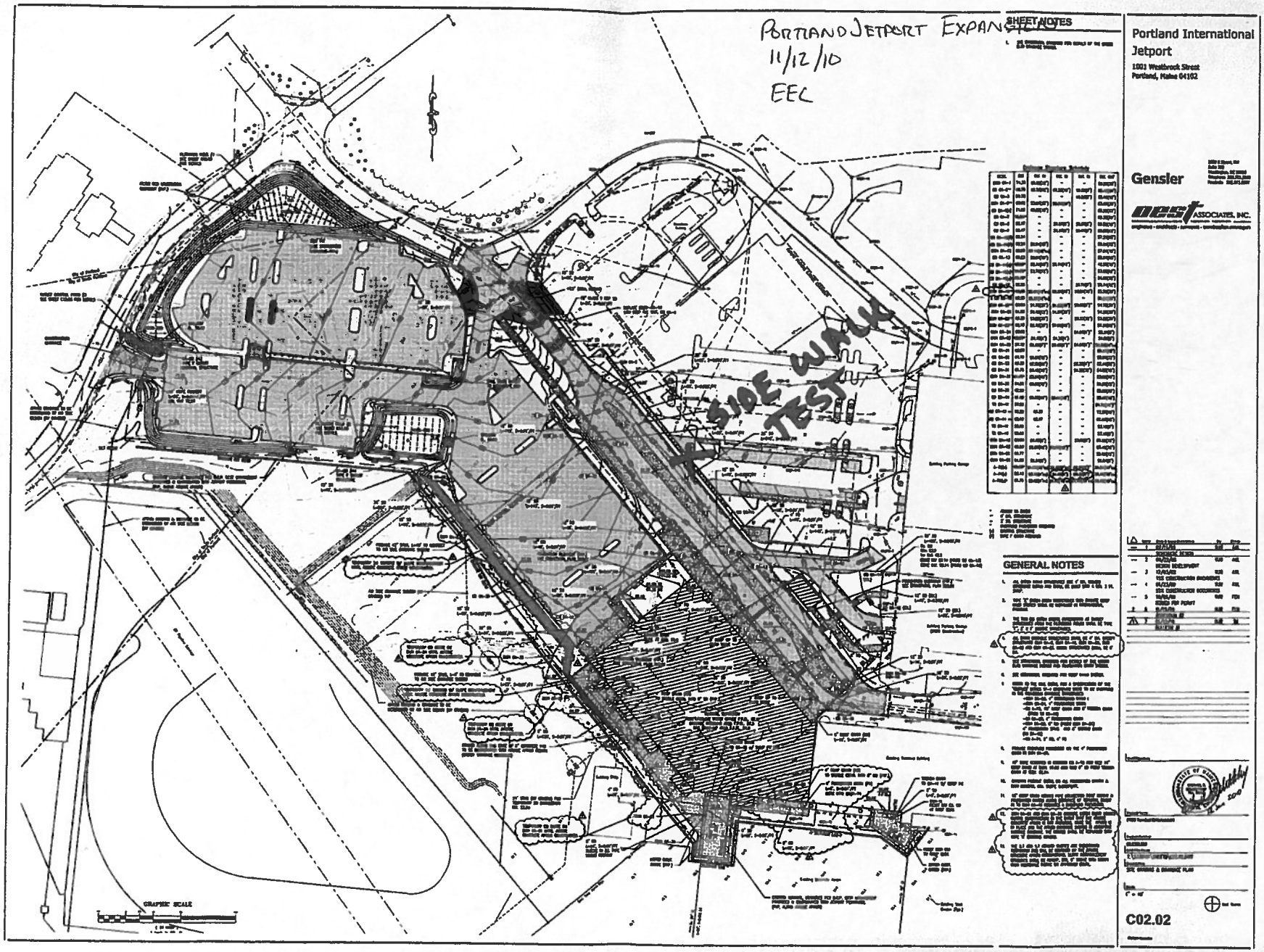


Cone 1 | Cone & Split 2 | Columnar 3 | Shear 4 | Side Fracture 5 | Double Side Fracture 6

Load	Ticket Number	Truck Number	Cubic Yds	Slump (inches)	Air Temp (°F)	Conc Temp (°F)	(%) Air Content	Time (min.)
1	179232	86	10	--	47	--	--	105±
3	--	--	--	--	--	--	--	--

Remarks:

Checked by: Dan C Hennessy
For Matthew T. Grady, Manager of MTS


PORTLAND JETPORT EXPANSION
11/12/10
EEL
E SIDE WATER TEST
SHEET NOTES
GENERAL NOTES
GRAPHIC SCALE
Portland International Jetport
1001 Westbrook Street
Portland, Maine 04102
Gensler
oest ASSOCIATES, INC.
C02.02

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
Project No: 557-14
Weather Conditions: Sunny
Method of Placement: Pump
Admixtures: Mid Range Water Reducer, 1% Pozzutec 20+
Placement Location: Slab 5-2
Test Cylinder Location: See Attached Sketch

Date Cylinders Cast: 12-Nov-10
Concrete Supplier: Auburn
General Contractor: Turner
Design Strength: 3,500
Max Agg. Size: 3/8

Date Report Issued: DEC 10 2010

4x8 Cylinders	4	Cast by	Michael J. Kramlich	Time	
Load No.	2	Slump (in) ASTM C 143	5.75	Batched @	--
Ticket No.	--	Air (°F)	58	Arrived @	--
Truck No.	--	Concrete (°F) ASTM C 1064	63	Total Time	--
Cubic Yds.	10	Air Content (%) ASTM C 231	3.5		

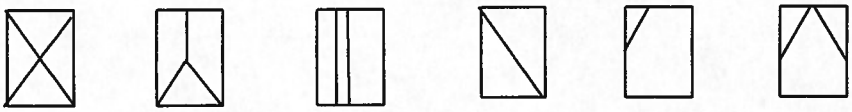
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 3
Date received 15-Nov-10
Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
67783	19-Nov-10	4.008	12.62	7	36,680	2910	5
67784	10-Dec-10	4.009	12.62	28	53,200	4220	5
67785	10-Dec-10	4.009	12.62	28	49,780	3940	6
67786	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	--	--	10	--	--	--	--	--
3	--	--	10	--	--	--	--	--
4	--	--	10	--	--	--	--	--
5	--	--	10	--	--	--	--	--

Remarks: Total loads = 13
Lightweight concrete.
Curing Temperatures: Max = 75°, Min = 48°
Unit Weight: 121.6 pcf.

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
Project No: 557-14
Weather Conditions: Sunny
Method of Placement: Pump
Admixtures: Mid Range Water Reducer, 1% Pozzutec 20+
Placement Location: Slab 5-2
Test Cylinder Location: See Attached Sketch

Date Cylinders Cast: 12-Nov-10
Concrete Supplier: Auburn
General Contractor: Turner
Design Strength: 3,500
Max Agg. Size: 3/8

Date Report Issued: DEC 10 2010

4x8 Cylinders	4	Cast by	Michael J. Kramlich	Time	
Load No.	6	Slump (in) ASTM C 143	8.0	Batched @	--
Ticket No.	--	Air (°F)	58	Arrived @	--
Truck No.	--	Concrete (°F) ASTM C 1064	62	Total Time	--
Cubic Yds.	10	Air Content (%) ASTM C 231	3.75		

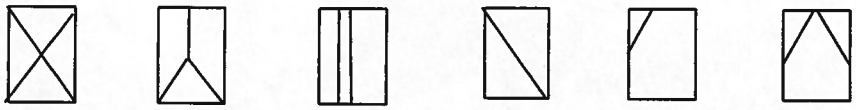
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 3
Date received 15-Nov-10
Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
67787	19-Nov-10	4.008	12.62	7	46,480	3680	5
67788	10-Dec-10	4.009	12.62	28	58,340	4620	2
67789	10-Dec-10	4.009	12.62	28	60,900	4830	5
67790	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	--	--	10	--	--	--	--	--
8	--	--	10	--	--	--	--	--
9	--	--	10	--	--	--	--	--
10	--	--	10	--	--	--	--	--

Remarks: Total loads = 13
Lightweight concrete.
Curing Temperatures: Max = 75°, Min = 48°
Unit Weight: 122.2 pcf.

Checked by: Dan C Hennessy
For 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
Project No: 557-14
Weather Conditions: Sunny
Method of Placement: Pump
Admixtures: Mid Range Water Reducer, 1% Pozzutec 20+
Placement Location: Slab 5-2
Test Cylinder Location: See Attached Sketch

Date Cylinders Cast: 12-Nov-10
Concrete Supplier: Auburn
General Contractor: Turner
Design Strength: 3,500
Max Agg. Size: 3/8

Date Report Issued: DEC 1 0 2010

4x8 Cylinders	4	Cast by	Michael J. Kramlich	Time	
Load No.	11	Slump (in) ASTM C 143	4.25	Batched @	--
Ticket No.	--	Air (°F)	54	Arrived @	2:50
Truck No.	--	Concrete (°F) ASTM C 1064	63	Total Time	--
Cubic Yds.	10	Air Content (%) ASTM C 231	3.75		

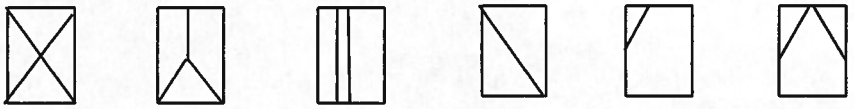
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field cure days: 3
Date received 15-Nov-10
Condition of Cylinders: Good

Lab No.	Test Date	Avg Dia (in)	Area (in²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break type
67791	19-Nov-10	4.008	12.62	7	47,680	3780	5
67792	10-Dec-10	4.009	12.62	28	59,980	4750	2
67793	10-Dec-10	4.009	12.62	28	60,940	4830	5
67794	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

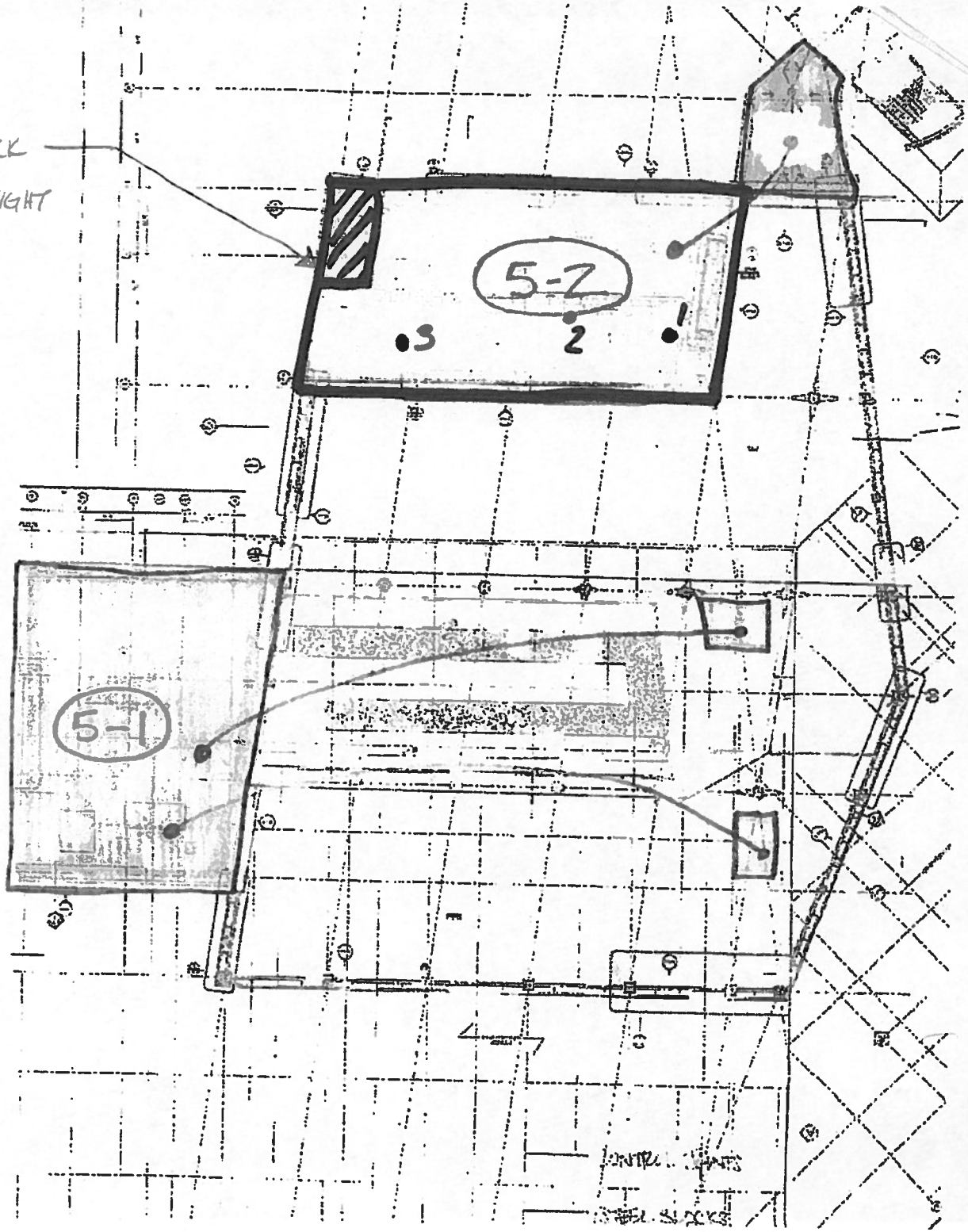
Load	Ticket Number	Truck Number	Cubic Yds	Slump (inches)	Air Temp (°F)	Conc Temp (°F)	(%) Air Content	Time (min.)
12	--	--	10	--	--	--	--	--
13	--	--	10	--	--	--	--	--

Remarks: Total loads = 13
Lightweight concrete.
Curing Temperatures: Max = 75°, Min = 48°
Unit Weight: 121.8 pcf.

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

CONC.

SLAB-ON-DECK
130 cy LIGHTWEIGHT



Level 5

PORTLAND INT'L JETPORT
TERMINAL EXPANSION
S57-14
1/12/2010
JSK