

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:	08 June 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)
68368	28
68369	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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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

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 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:	11-May-11
Project No:	0557-014	Concrete Supplier:	Auburn Concrete
Weather Conditions:	Cloudy	General Contractor:	Turner
Method of Placement:	Rear Discharge	Design Strength:	4500 PSI
Admixtures:	Glenium 7500	Max. Aggregate Size:	3/4 In.
Placement Location:	Sidewalk Along NorthEast Side of Upper Parking Lot		
Test Cylinder Location:	See sketch		

JUN 08 2011

Date Report Issued:

4x8 Cylinders	4	Cast By	Michael J Kramlich	Time	
Load No.	2	Slump (in)	ASTM C 143		6
Ticket No.	127209	Air (°F)			52
Truck No.	99	Concrete (°F)			62
Cubic Yds.	10	Air Content (%)	ASTM C 231		4.7
				Batched @	9:59 AM
				Arrived @	10:18 AM
				Total Time	95 ±

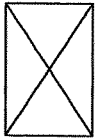
*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field Cure Days: 1
 Date Received: 12-May-11
 Condition of Cylinders: Good

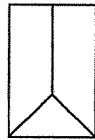
Lab No.	Test Date	Ave Dia (in)	Ave Area (in ²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break Type
68367	18-May-11	3.998	12.55	7	54215	4320	3
68368	8-Jun-11	4.009	12.62	28	67450	5340	6
68369	8-Jun-11	4.009	12.62	28	67830	5370	6
68370	HOLD			H			

*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	--	--	10	--	--	--	--	--
3	127211	84	8	--	--	--	--	55±

Remarks: Curing Temperatures: High = 74°, Low = 63°

Checked by:
 Mathew T. Grady, Manager of MTS

10/15/03
10/15/03
10/15/03
10/15/03

NO.	DATE	DESCRIPTION	BY	CHK.
1	10/15/03	ISSUED FOR PERMIT	MM	MM
2	07/27/03	ISSUED FOR PERMIT	MM	MM
3	12/01/02	ISSUED FOR PERMIT	MM	MM
4	02/21/02	ISSUED FOR PERMIT	MM	MM
5	02/21/02	ISSUED FOR PERMIT	MM	MM
6	02/21/02	ISSUED FOR PERMIT	MM	MM
7	02/21/02	ISSUED FOR PERMIT	MM	MM
8	02/21/02	ISSUED FOR PERMIT	MM	MM
9	02/21/02	ISSUED FOR PERMIT	MM	MM
10	02/21/02	ISSUED FOR PERMIT	MM	MM



SHEET NOTES
1. SEE EXISTING DRAWINGS FOR DETAILS OF THE WORK AND EXISTING UTILITIES.

NO.	DATE	DESCRIPTION	BY	CHK.
1	10/15/03	ISSUED FOR PERMIT	MM	MM
2	07/27/03	ISSUED FOR PERMIT	MM	MM
3	12/01/02	ISSUED FOR PERMIT	MM	MM
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7	02/21/02	ISSUED FOR PERMIT	MM	MM
8	02/21/02	ISSUED FOR PERMIT	MM	MM
9	02/21/02	ISSUED FOR PERMIT	MM	MM
10	02/21/02	ISSUED FOR PERMIT	MM	MM

GENERAL NOTES

- ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MAINE STATE DESIGN SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MAINE STATE DESIGN SPECIFICATIONS FOR WATERWAY AND MARINE CONSTRUCTION.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MAINE STATE DESIGN SPECIFICATIONS FOR AIRPORT CONSTRUCTION.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MAINE STATE DESIGN SPECIFICATIONS FOR UTILITIES CONSTRUCTION.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MAINE STATE DESIGN SPECIFICATIONS FOR STRUCTURAL CONSTRUCTION.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MAINE STATE DESIGN SPECIFICATIONS FOR ELECTRICAL CONSTRUCTION.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MAINE STATE DESIGN SPECIFICATIONS FOR MECHANICAL CONSTRUCTION.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MAINE STATE DESIGN SPECIFICATIONS FOR PLUMBING CONSTRUCTION.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MAINE STATE DESIGN SPECIFICATIONS FOR HEATING, VENTILATION AND AIR CONDITIONING CONSTRUCTION.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MAINE STATE DESIGN SPECIFICATIONS FOR INTERIORS CONSTRUCTION.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MAINE STATE DESIGN SPECIFICATIONS FOR LANDSCAPE ARCHITECTURE CONSTRUCTION.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MAINE STATE DESIGN SPECIFICATIONS FOR ENVIRONMENTAL CONSTRUCTION.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MAINE STATE DESIGN SPECIFICATIONS FOR SPECIALTIES CONSTRUCTION.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MAINE STATE DESIGN SPECIFICATIONS FOR CONSTRUCTION MANAGEMENT CONSTRUCTION.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MAINE STATE DESIGN SPECIFICATIONS FOR CONSTRUCTION SAFETY CONSTRUCTION.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MAINE STATE DESIGN SPECIFICATIONS FOR CONSTRUCTION QUALITY CONSTRUCTION.

