

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:	11 May 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)
68195	28
68196	28

Remarks:

Copy To:
Roy Williams: rsw@portlandmaine.gov
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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

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 at the Portland Jetport	Date Cylinders Cast:	12-Apr-11
Project No:	0557-014	Concrete Supplier:	Auburn Concrete
Weather Conditions:	Partly Cloudy	General Contractor:	Turner
Method of Placement:	Pump	Design Strength:	5000 PSI
Admixtures:	Glenium 7500, Pozzutec 20+	Max. Aggregate Size:	3/4 In.
Placement Location:	Fnd. Walls, Jet Blue Gate @ F/1ZD See Sketch		
Test Cylinder Location:	West Fnd Wall From Exist. Wall To 20' Out		

Date Report Issued:

4x8 Cylinders	4	Cast By	Michael J Kramlich	Time	
Load No.	1	Slump (in)	ASTM C 143		7
Ticket No.	161658	Air (°F)			62
Truck No.	116	Concrete (°F)			65
Cubic Yds.	10	Air Content (%)	ASTM C 231		4.3
				Batched @	12:45 AM
				Arrived @	1:05 AM
				Total Time	45 ±

*Concrete sampled by ASTM C 172

Specimen Storage ASTM C 31: Field Cure Days: 1
 Date Received: 13-Apr-11
 Condition of Cylinders: Good

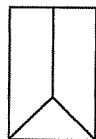
Lab No.	Test Date	Ave Dia (in)	Ave Area (in ²)	Age (Days)	Load (lbs)	Compressive Strength (psi)	Break Type
68194	19-Apr-11	4.007	12.61	7	75280	5970	2
68195	10-May-11	4.009	12.62	28	94930	7520	5
68196	10-May-11	4.009	12.62	28	96605	7650	2
68197	HOLD			H			

*Concrete compressive strength by ASTM C 39

Types of Breaks



Cone
1



Cone & Split
2



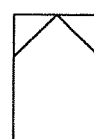
Columnar
3



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)

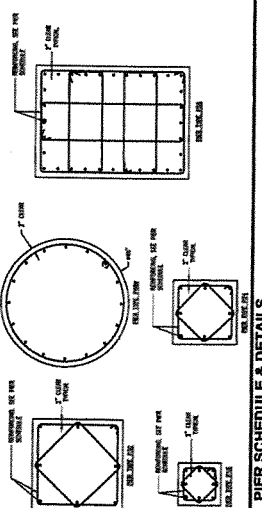
Remarks: 3,000 psi design strength was required; 5,000 psi was used.

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

PORTLAND INT'L JETPORT
 TERMINAL EXPANSION
 PROJECT No.: OSS7-014
 DATE: 4/12/2011
 MJK

PER SCHEDULE

PIER TYPE	PIER DIMENSIONS	VERTICAL DIMENSIONS	YES
PIA	15' x 15'	50' TO 55' P.C.	NO
PIB	20' x 20'	50' TO 55' P.C.	NO
PIC	25' x 25'	50' TO 55' P.C.	NO
PID	30' x 30'	50' TO 55' P.C.	NO
PIE	35' x 35'	50' TO 55' P.C.	NO
PIF	40' x 40'	50' TO 55' P.C.	NO
PIG	45' x 45'	50' TO 55' P.C.	NO
PIH	50' x 50'	50' TO 55' P.C.	NO



FOOTING SCHEDULE & DETAILS

FOOTING TYPE	FOOTING DIMENSIONS	CONCRETE
FOA	18" x 18" x 18"	CONCRETE
FOB	24" x 24" x 24"	CONCRETE
FOC	30" x 30" x 30"	CONCRETE
FOD	36" x 36" x 36"	CONCRETE
FOE	42" x 42" x 42"	CONCRETE
FOF	48" x 48" x 48"	CONCRETE
FOG	54" x 54" x 54"	CONCRETE
FOH	60" x 60" x 60"	CONCRETE
FOI	66" x 66" x 66"	CONCRETE
FOJ	72" x 72" x 72"	CONCRETE
FOK	78" x 78" x 78"	CONCRETE
FOL	84" x 84" x 84"	CONCRETE
FOM	90" x 90" x 90"	CONCRETE
FOO	96" x 96" x 96"	CONCRETE
FO1	102" x 102" x 102"	CONCRETE
FO2	108" x 108" x 108"	CONCRETE
FO3	114" x 114" x 114"	CONCRETE
FO4	120" x 120" x 120"	CONCRETE
FO5	126" x 126" x 126"	CONCRETE
FO6	132" x 132" x 132"	CONCRETE
FO7	138" x 138" x 138"	CONCRETE
FO8	144" x 144" x 144"	CONCRETE
FO9	150" x 150" x 150"	CONCRETE
FO0	156" x 156" x 156"	CONCRETE
FO1	162" x 162" x 162"	CONCRETE
FO2	168" x 168" x 168"	CONCRETE
FO3	174" x 174" x 174"	CONCRETE
FO4	180" x 180" x 180"	CONCRETE
FO5	186" x 186" x 186"	CONCRETE
FO6	192" x 192" x 192"	CONCRETE
FO7	198" x 198" x 198"	CONCRETE
FO8	204" x 204" x 204"	CONCRETE
FO9	210" x 210" x 210"	CONCRETE
FO0	216" x 216" x 216"	CONCRETE
FO1	222" x 222" x 222"	CONCRETE
FO2	228" x 228" x 228"	CONCRETE
FO3	234" x 234" x 234"	CONCRETE
FO4	240" x 240" x 240"	CONCRETE
FO5	246" x 246" x 246"	CONCRETE
FO6	252" x 252" x 252"	CONCRETE
FO7	258" x 258" x 258"	CONCRETE
FO8	264" x 264" x 264"	CONCRETE
FO9	270" x 270" x 270"	CONCRETE
FO0	276" x 276" x 276"	CONCRETE
FO1	282" x 282" x 282"	CONCRETE
FO2	288" x 288" x 288"	CONCRETE
FO3	294" x 294" x 294"	CONCRETE
FO4	300" x 300" x 300"	CONCRETE
FO5	306" x 306" x 306"	CONCRETE
FO6	312" x 312" x 312"	CONCRETE
FO7	318" x 318" x 318"	CONCRETE
FO8	324" x 324" x 324"	CONCRETE
FO9	330" x 330" x 330"	CONCRETE
FO0	336" x 336" x 336"	CONCRETE
FO1	342" x 342" x 342"	CONCRETE
FO2	348" x 348" x 348"	CONCRETE
FO3	354" x 354" x 354"	CONCRETE
FO4	360" x 360" x 360"	CONCRETE
FO5	366" x 366" x 366"	CONCRETE
FO6	372" x 372" x 372"	CONCRETE
FO7	378" x 378" x 378"	CONCRETE
FO8	384" x 384" x 384"	CONCRETE
FO9	390" x 390" x 390"	CONCRETE
FO0	396" x 396" x 396"	CONCRETE
FO1	402" x 402" x 402"	CONCRETE
FO2	408" x 408" x 408"	CONCRETE
FO3	414" x 414" x 414"	CONCRETE
FO4	420" x 420" x 420"	CONCRETE
FO5	426" x 426" x 426"	CONCRETE
FO6	432" x 432" x 432"	CONCRETE
FO7	438" x 438" x 438"	CONCRETE
FO8	444" x 444" x 444"	CONCRETE
FO9	450" x 450" x 450"	CONCRETE
FO0	456" x 456" x 456"	CONCRETE
FO1	462" x 462" x 462"	CONCRETE
FO2	468" x 468" x 468"	CONCRETE
FO3	474" x 474" x 474"	CONCRETE
FO4	480" x 480" x 480"	CONCRETE
FO5	486" x 486" x 486"	CONCRETE
FO6	492" x 492" x 492"	CONCRETE
FO7	498" x 498" x 498"	CONCRETE
FO8	504" x 504" x 504"	CONCRETE
FO9	510" x 510" x 510"	CONCRETE
FO0	516" x 516" x 516"	CONCRETE
FO1	522" x 522" x 522"	CONCRETE
FO2	528" x 528" x 528"	CONCRETE
FO3	534" x 534" x 534"	CONCRETE
FO4	540" x 540" x 540"	CONCRETE
FO5	546" x 546" x 546"	CONCRETE
FO6	552" x 552" x 552"	CONCRETE
FO7	558" x 558" x 558"	CONCRETE
FO8	564" x 564" x 564"	CONCRETE
FO9	570" x 570" x 570"	CONCRETE
FO0	576" x 576" x 576"	CONCRETE
FO1	582" x 582" x 582"	CONCRETE
FO2	588" x 588" x 588"	CONCRETE
FO3	594" x 594" x 594"	CONCRETE
FO4	600" x 600" x 600"	CONCRETE
FO5	606" x 606" x 606"	CONCRETE
FO6	612" x 612" x 612"	CONCRETE
FO7	618" x 618" x 618"	CONCRETE
FO8	624" x 624" x 624"	CONCRETE
FO9	630" x 630" x 630"	CONCRETE
FO0	636" x 636" x 636"	CONCRETE
FO1	642" x 642" x 642"	CONCRETE
FO2	648" x 648" x 648"	CONCRETE
FO3	654" x 654" x 654"	CONCRETE
FO4	660" x 660" x 660"	CONCRETE
FO5	666" x 666" x 666"	CONCRETE
FO6	672" x 672" x 672"	CONCRETE
FO7	678" x 678" x 678"	CONCRETE
FO8	684" x 684" x 684"	CONCRETE
FO9	690" x 690" x 690"	CONCRETE
FO0	696" x 696" x 696"	CONCRETE
FO1	702" x 702" x 702"	CONCRETE
FO2	708" x 708" x 708"	CONCRETE
FO3	714" x 714" x 714"	CONCRETE
FO4	720" x 720" x 720"	CONCRETE
FO5	726" x 726" x 726"	CONCRETE
FO6	732" x 732" x 732"	CONCRETE
FO7	738" x 738" x 738"	CONCRETE
FO8	744" x 744" x 744"	CONCRETE
FO9	750" x 750" x 750"	CONCRETE
FO0	756" x 756" x 756"	CONCRETE
FO1	762" x 762" x 762"	CONCRETE
FO2	768" x 768" x 768"	CONCRETE
FO3	774" x 774" x 774"	CONCRETE
FO4	780" x 780" x 780"	CONCRETE
FO5	786" x 786" x 786"	CONCRETE
FO6	792" x 792" x 792"	CONCRETE
FO7	798" x 798" x 798"	CONCRETE
FO8	804" x 804" x 804"	CONCRETE
FO9	810" x 810" x 810"	CONCRETE
FO0	816" x 816" x 816"	CONCRETE
FO1	822" x 822" x 822"	CONCRETE
FO2	828" x 828" x 828"	CONCRETE
FO3	834" x 834" x 834"	CONCRETE
FO4	840" x 840" x 840"	CONCRETE
FO5	846" x 846" x 846"	CONCRETE
FO6	852" x 852" x 852"	CONCRETE
FO7	858" x 858" x 858"	CONCRETE
FO8	864" x 864" x 864"	CONCRETE
FO9	870" x 870" x 870"	CONCRETE
FO0	876" x 876" x 876"	CONCRETE
FO1	882" x 882" x 882"	CONCRETE
FO2	888" x 888" x 888"	CONCRETE
FO3	894" x 894" x 894"	CONCRETE
FO4	900" x 900" x 900"	CONCRETE
FO5	906" x 906" x 906"	CONCRETE
FO6	912" x 912" x 912"	CONCRETE
FO7	918" x 918" x 918"	CONCRETE
FO8	924" x 924" x 924"	CONCRETE
FO9	930" x 930" x 930"	CONCRETE
FO0	936" x 936" x 936"	CONCRETE
FO1	942" x 942" x 942"	CONCRETE
FO2	948" x 948" x 948"	CONCRETE
FO3	954" x 954" x 954"	CONCRETE
FO4	960" x 960" x 960"	CONCRETE
FO5	966" x 966" x 966"	CONCRETE
FO6	972" x 972" x 972"	CONCRETE
FO7	978" x 978" x 978"	CONCRETE
FO8	984" x 984" x 984"	CONCRETE
FO9	990" x 990" x 990"	CONCRETE
FO0	996" x 996" x 996"	CONCRETE
FO1	1002" x 1002" x 1002"	CONCRETE
FO2	1008" x 1008" x 1008"	CONCRETE
FO3	1014" x 1014" x 1014"	CONCRETE
FO4	1020" x 1020" x 1020"	CONCRETE
FO5	1026" x 1026" x 1026"	CONCRETE
FO6	1032" x 1032" x 1032"	CONCRETE
FO7	1038" x 1038" x 1038"	CONCRETE
FO8	1044" x 1044" x 1044"	CONCRETE
FO9	1050" x 1050" x 1050"	CONCRETE
FO0	1056" x 1056" x 1056"	CONCRETE
FO1	1062" x 1062" x 1062"	CONCRETE
FO2	1068" x 1068" x 1068"	CONCRETE
FO3	1074" x 1074" x 1074"	CONCRETE
FO4	1080" x 1080" x 1080"	CONCRETE
FO5	1086" x 1086" x 1086"	CONCRETE
FO6	1092" x 1092" x 1092"	CONCRETE
FO7	1098" x 1098" x 1098"	CONCRETE
FO8	1104" x 1104" x 1104"	CONCRETE
FO9	1110" x 1110" x 1110"	CONCRETE
FO0	1116" x 1116" x 1116"	CONCRETE
FO1	1122" x 1122" x 1122"	CONCRETE
FO2	1128" x 1128" x 1128"	CONCRETE
FO3	1134" x 1134" x 1134"	CONCRETE
FO4	1140" x 1140" x 1140"	CONCRETE
FO5	1146" x 1146" x 1146"	CONCRETE
FO6	1152" x 1152" x 1152"	CONCRETE
FO7	1158" x 1158" x 1158"	CONCRETE
FO8	1164" x 1164" x 1164"	CONCRETE
FO9	1170" x 1170" x 1170"	CONCRETE
FO0	1176" x 1176" x 1176"	CONCRETE
FO1	1182" x 1182" x 1182"	CONCRETE
FO2	1188" x 1188" x 1188"	CONCRETE
FO3	1194" x 1194" x 1194"	CONCRETE
FO4	1200" x 1200" x 1200"	CONCRETE
FO5	1206" x 1206" x 1206"	CONCRETE
FO6	1212" x 1212" x 1212"	CONCRETE
FO7	1218" x 1218" x 1218"	CONCRETE
FO8	1224" x 1224" x 1224"	CONCRETE
FO9	1230" x 1230" x 1230"	CONCRETE
FO0	1236" x 1236" x 1236"	CONCRETE
FO1	1242" x 1242" x 1242"	CONCRETE
FO2	1248" x 1248" x 1248"	CONCRETE
FO3	1254" x 1254" x 1254"	CONCRETE
FO4	1260" x 1260" x 1260"	CONCRETE
FO5	1266" x 1266" x 1266"	CONCRETE
FO6	1272" x 1272" x 1272"	CONCRETE
FO7	1278" x 1278" x 1278"	CONCRETE
FO8	1284" x 1284" x 1284"	CONCRETE
FO9	1290" x 1290" x 1290"	CONCRETE
FO0	1296" x 1296" x 1296"	CONCRETE
FO1	1302" x 1302" x 1302"	CONCRETE
FO2	1308" x 1308" x 1308"	CONCRETE
FO3	1314" x 1314" x 1314"	CONCRETE
FO4	1320" x 1320" x 1320"	CONCRETE
FO5	1326" x 1326" x 1326"	CONCRETE
FO6	1332" x 1332" x 1332"	CONCRETE
FO7	1338" x 1338" x 1338"	CONCRETE
FO8	1344" x 1344" x 1344"	CONCRETE
FO9	1350" x 1350" x 1350"	CONCRETE
FO0	1356" x 1356" x 1356"	CONCRETE
FO1	1362" x 1362" x 1362"	CONCRETE
FO2	1368" x 1368" x 1368"	CONCRETE
FO3	1374" x 1374" x 1374"	CONCRETE
FO4	1380" x 1380" x 1380"	CONCRETE
FO5	1386" x 1386" x 1386"	CONCRETE
FO6	1392" x 1392" x 1392"	CONCRETE
FO7	1398" x 1398" x 1398"	CONCRETE
FO8	1404" x 1404" x 1404"	CONCRETE
FO9	1410" x 1410" x 1410"	CONCRETE
FO0	1416" x 1416" x 1416"	CONCRETE
FO1	1422" x 1422" x 1422"	CONCRETE
FO2	1428" x 1428" x 1428"	CONCRETE
FO3	1434" x 1434" x 1434"	CONCRETE
FO4	1440" x 1440" x 1440"	CONCRETE
FO5	1446" x 1446" x 1446"	CONCRETE
FO6	1452" x 1452" x 1452"	CONCRETE
FO7	1458" x 1458" x 1458"	CONCRETE
FO8	1464" x 1464" x 1464"	CONCRETE
FO9	1470" x 1470" x 1470"	CONCRETE
FO0	1476" x 1476" x 1476"	CONCRETE
FO1	1482" x 1482" x 1482"	CONCRETE
FO2	1488" x 1488" x 1488"	CONCRETE
FO3	1494" x 1494" x 1494"	CONCRETE
FO4	1500" x 1500" x 1500"	CONCRETE
FO5	1506" x 1506" x 1506"	CONCRETE
FO6	1512" x 1512" x 1512"	CONCRETE
FO7	1518" x 1518" x 1518"	CONCRETE
FO8	1524" x 1524" x 1524"	CONCRETE
FO9	1530" x 1530" x 1530"	CONCRETE
FO0	1536"	