

GEOTECHNICAL ▼ ENVIRONMENTAL ▼ INSPECTIONS ▼ TESTING

REPORT OF CONCRETE FIELD & LABORATORY TESTING

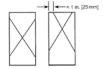
CLIENT:Old Dominion Freight Lines
500 Old Dominion Way
Thomasville, NC. 27360
Attn: Philip DannerPROJECT:Old Dominion Building Expansion
185 Rand Road
Portland, ME

DATE: Octobe	er 17, 2014	REPORT #:	14-55-00014-031	
General Location:	North Paddock			
Date Cast:	10/10/14			
Field Rep:	Eric Dolbec			
Contractor:	Old Dominion			
Supplier:	Auburn Concrete			
Admixtures:	n/a			
Air Temp:	52°F			
Weather:	Sunny			
Nominal size of Aggr:	3/4"			
	FIELD	TEST RESULTS		

Ticket #/ #CYL*	ASTM C143 SLUMP TEST	ASTM C231 AIR CONTENT	ASTM C1064 TEMPERATURE °F	ELAPSED TIME Batch : Final Discharge
253757	4.75"	6.0%	64 °F	6:22-7:05
253758	-	-	-	6:36-7:34
253759 / 5 cyls	5.5"	5.9%	67.3°F	6:57-7:48
253760	-	-	-	7:09-8:08

*Specimens molded in accordance with ASTM C31 ROBATORY COMPRESSIVE STRENGTH TESTING ASTM C30

 LABORATORY COMPRESSIVE STRENGTH TESTING ASTM C39					
Date of Test	Age	Specimen Area (in ²)	PSI	Break Type	
10/17/14	7	12.56 ²	4030	2	
11/07/14	28	12.56^2			
11/07/14	28	12.56^2			
11/07/14	28	12.56^2			
-	Hold	12.56 ²			



Type 1 Reasonably well-formed cones on both ends, less than 1 in. [25 mm] of cracking through caps



Type 2 med Well-formed cone on one less end, vertical cracks running of through caps, no wellps defined cone on other and

Type 3 Columnar vertical cracking through both ends, no wellformed cones



Type 4 Ing Diagonal fracture with no elltap with hammer to distinguish from Type 1



Type 5 Side fractures at top or bottom (occur commonly with unbonded caps)

Type 6 Similar to Type 5 but end of cylinder is pointed

Specific Sample Location:Rear Paddock and North West cornerYards placed:90.0 yardsDesign Strength:4000 PSIRemarks:90.0 yards



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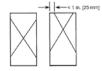
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FIELD TEST RESULTS

Ticket #/ #CYL*	ASTM C143 SLUMP TEST	ASTM C231 AIR CONTENT	ASTM C1064 TEMPERATURE °F	ELAPSED TIME Batch : Final Discharge
253761	-	-	-	7:17-8:20
253762 / 5 cyls	6"	5.5%	66.1 °F	7:36-8:36
253763	-	-		7:57-9:00

*Specimens molded in accordance with ASTM C31

LABORATORY COMPRESSIVE STRENGTH TESTING ASTM C39					
Date of Test	Age	Specimen Area (in ²)	PSI	Break Type	
10/17/14	7	12.56²	3390	2	
11/07/14	28	12.56 ²			
11/07/14	28	12.56 ²			
11/07/14	28	12.56 ²			
-	Hold	12.56²			





Type 1 Reasonably well-formed cones on both ends, less than 1 in [25 mm] of cracking through caps

Type 2 Type 3 Well-formed cone on one drivettical cracks running through caps, no welldefined cone on other end

Type 4 Diagonal fracture with no cracking through ends; tap with harmer to distinguish from Type 1



Type 5 Side fractures at top or bottom (occur commonly with unbonded caps)

Type 6 Similar to Type 5 but end of cylinder is pointed

Specific Sample Location: Yards placed: Design Strength: Remarks: Rear Paddock and North West corner 90.0 yards 4000 PSI

Corporate Office: 19 Dover Street, Dover, NH 03820 | Ph. 603-749-1841 | www.consultJTC.com

DOVER, NH I WORCESTER, MA I WESTFIELD, MA I PORTLAND, ME I WEST HARTFORD, VT I JOHNSTON, RI