



## REPORT OF CONCRETE FIELD & LABORATORY TESTING

**CLIENT:** Old Dominion Freight Lines  
500 Old Dominion Way  
Thomasville, NC. 27360  
Attn: Philip Danner

**PROJECT:** Old Dominion Building Expansion  
185 Rand Road  
Portland, ME

**DATE:** September 15, 2014      **REPORT #:** 14-55-00014-007

**General Location:** Footing: Line 13-14 to 13-14 on other side  
**Date Cast:** 8/18/14  
**Field Rep:** Ernie Kraytenberg  
**Contractor:** Old Dominion Freight Lines  
**Supplier:** Hissong Ready Mix  
**Admixtures:** MRWR  
**Air Temp:** 80°F  
**Weather:** Sunny  
**Nominal size of Aggr:** ¾"

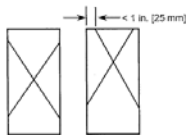
### FIELD TEST RESULTS

Ticket #/ #CYL*	ASTM C143 SLUMP TEST	ASTM C231 AIR CONTENT	ASTM C1064 TEMPERATURE °F	ELAPSED TIME Batch : Final Discharge
24140	4.5"	4.6%	80°F	1:49-2:28 / 39 mins
24142	-	-	-	2:16-2:40 / 24 mins

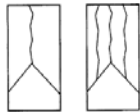
\*Specimens molded in accordance with ASTM C31

### LABORATORY COMPRESSIVE STRENGTH TESTING ASTM C39

Date of Test	Age	Specimen Area (in <sup>2</sup> )	PSI	Break Type
08/25/14	7	12.56 <sup>2</sup>	3360	2
09/15/14	28	12.56 <sup>2</sup>	4380	2
09/15/14	28	12.56 <sup>2</sup>	4790	3
09/15/14	28	12.56 <sup>2</sup>	4230	2
	Hold	12.56 <sup>2</sup>		



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



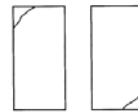
Type 2  
Well-formed cone on one end, vertical cracks running through both caps, no well-defined cone on other end



Type 3  
Columnar vertical cracking through both ends, no well-formed cones



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



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



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

<b>Specific Sample Location:</b>	<b>Footing: Line 13-14 to 13-14 on other side</b>
<b>Yards placed:</b>	<b>16.5 yards</b>
<b>Design Strength:</b>	<b>3000 PSI</b>
<b>Remarks:</b>	