JTC
JOHN TURNER CONSULTING

GEOTECHNICAL ▼ ENVIRONMENTAL ▼ INSPECTIONS ▼ TESTING

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: **October 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: **¾"**

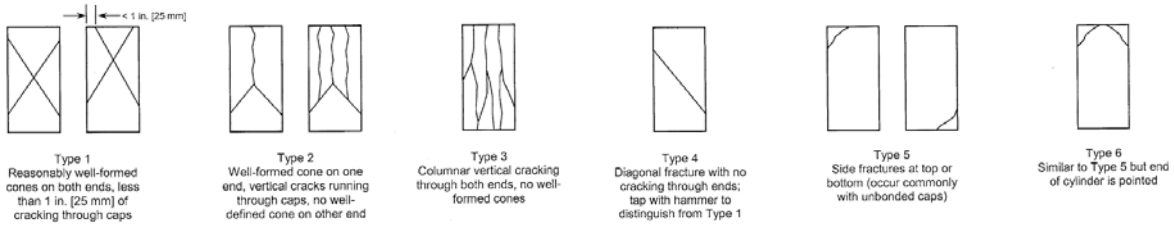
FIELD TEST RESULTS

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

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		



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

JTC
JOHN TURNER CONSULTING

GEOTECHNICAL ▼ ENVIRONMENTAL ▼ INSPECTIONS ▼ TESTING

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:	**October 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: ¾"

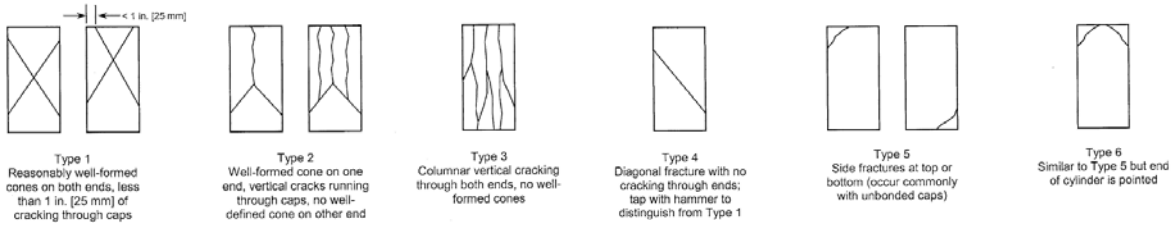
FIELD TEST RESULTS

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	12.56^2	3390	2
11/07/14	28	12.56^2		
11/07/14	28	12.56^2		
11/07/14	28	12.56^2		
-	Hold	12.56^2		



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 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 unbonded caps)

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

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