S.W.COLE ENGINEERING, INC.

Report of Concrete Compressive Strength

ASTM C-31 & C-39

Project Name: Portland Me - The Park Danforth - Construction Materials Testing Services

Project Number: 14-0065.2

Client: The Park-Danforth

Client Contract Number:

General Contractor: PC

Concrete Supplier: AUBURN CONCRETE

PLACEMENT INFORMATION

Date Cast: 1/5/2016 **Time Cast:** 1:25 **Date Received:** 1/6/2016

Placement Location: FOOTING A LINE, 1 TO 1.6 1 LINE, A TO B

Placement Method: TAILGATE

Cylinders Made By: JUSTIN ROUILLARD

Placement Vol. (yd³): 13

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) 39 **Maximum (°F)** 74

DELIVERY INFORMATION

Admixtures: AIR
MASTER SET 2%

TEST RESULTS

Slump (in) (C-143): **Slump WR:** 5.5

Air Content (%) (C-231) **Air WR:** 6.8

Air Temp (°F): 17

Conc. Temp (°F) (C-1064): 63

Load Number: 1

Mixer Number: 98

Ticket Number 285221

Cubic Yards: 6.5

Design (psi): **3500**

Batch 12:34

Arrive 1:05

Depart 1:30

Cylinder Designation	Cylinder Weight (lbs)	Cylinder Diameter (in)	Cross Sectional Area(In)²	Date Of Test	Cure Type	**Age (days)**	Fracture Type	Load (kips)	**Strength (psi)**
730-18A	8.55	4.01	12.66	1/12/2016	Lab	**7**	5	47.2	**3730**
730-18B	8.55	4.02	12.67	2/2/2016	Lab	**28**	5	54.8	**4330**
730-18C	8.55	4.02	12.69	2/2/2016	Lab	**28**	5	58.8	**4640**
730-18D	8.55			Hold	Lab				

Fracture Types

1 Cone both ends; 2 Cone one end w/ split; 3 Columnar; 4 Diagonal; 5 Side at top or bottom; 6 Pointed End

Remarks:

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