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:

Concrete Supplier: AUBURN CONCRETE

PLACEMENT INFORMATION

Date Cast: 3/14/2016 **Time Cast:** 10:18 **Date Received:**

Placement Location: SLAB ON GRADE: CS 1, LINE 6 TO 11

Placement Method: TAILGATE TO BUGGY

Placement Vol. (yd³): 90

Cylinders Made By: VAN TERRELL, JR.

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

TEST RESULTS

Slump (in) (C-143): **Slump WR:** 6

Air Content (%) (C-231) **Air WR:** 6.0

Air Temp (°F): 40

Conc. Temp (°F) (C-1064): 70

DELIVERY INFORMATION

Admixtures: MASTER SET 2%
MASTER AIR
MASTER GLENIUM
POLYMESH REINFORCING FIBER

Load Number: 6

Mixer Number: 138

Ticket Number 293277

Cubic Yards: 10

Design (psi): **5000**

Batch 9:21

Arrive 9:55

Depart 10:18

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)**
730-39A		4.00	12.56	3/21/2016	Lab	**7**	4	62.4	**4970**
730-39B		4.01	12.60	4/11/2016	Lab	**28**	4	70.8	**5620**
730-39C		4.01	12.63	4/11/2016	Lab	**28**	5	72.6	**5750**
730-39D				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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