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: 4/6/2016 **Time Cast:** 2:59 **Date Received:**

Placement Location: COLUMN WRAPS (4) 1.8 LINE, 2.5, 3

Placement Method: BUGGIE

Placement Vol. (yd³):

Cylinders Made By: BRANDON CHAPUT

Aggregate Size (in): 3/8

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

Admixtures: MASTER AIR
MASTER GLENIUM
MASTER SET 1%

TEST RESULTS

Slump (in) (C-143): **Slump WR:** 6.5

Air Content (%) (C-231) **Air WR:** 7.4

Air Temp (°F): 32

Conc. Temp (°F) (C-1064): 55

Load Number: 1

Mixer Number: 155

Ticket Number 201641

Cubic Yards: 3

Design (psi): **6000**

Batch 1:41

Arrive 2:05

Depart

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)**
730-50A	8.10	4.00	12.58	4/13/2016	Lab	**7**	4	69.8	**5550**
730-50B	8.05			5/4/2016	Lab	**28**			
730-50C	8.10			5/4/2016	Lab	**28**			
730-50D	8.10			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:

286 Portland Road, Gray, ME 04039-9586 • Tel (207) 657-2866 • Fax (207) 657-2840 • www.swcole.com