

**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:** 9/9/2016      **Time Cast:** 10:30

**Date Received:**

**Placement Location:** RAMPS & CONNECTOR

**Placement Method:**

**Placement Vol. (yd³):** 12

**Cylinders Made By:** NATHANIEL MCARTHUR

**Aggregate Size (in):** 3/4

**INITIAL CURING CONDITIONS**

**Temperatures**

**Minimum (°F)**      **Maximum (°F)**

**TEST RESULTS**

**Slump (in) (C-143):**      **Slump WR:** 2.75  
**Air Content (%) (C-231)**      **Air WR:** 2.7  
**Air Temp (°F):** 75  
**Conc. Temp (°F) (C-1064):** 82

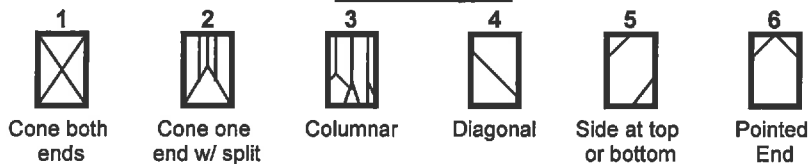
**DELIVERY INFORMATION**

**Admixtures:** BARRIER ONE

**Load Number:** 1      **Batch** 9:45  
**Mixer Number:** 99  
**Ticket Number** 207007      **Arrive** 10:10  
**Cubic Yards:** 6  
**Design (psi):** 3000      **Depart** 10:45

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)
730-72A	8.35	3.99	12.53	9/16/2016	Lab	7	3	36.2	2890
730-72B	8.40	4.02	12.66	10/7/2016	Lab	28	5	43.0	3400
730-72C	8.25	3.99	12.49	10/7/2016	Lab	28	3	42.8	3430
730-72D	8.45			Hold	Lab				

**Fracture Types**



Remarks: