Report of Concrete Compressive Strength

ASTM C-31 & C-39

Project Name: Portland ME - 1945 Congress Street - Construction Materials Testing Services

Project Number: 16-1446

Client: Northland Enterprises LLC

Client Contract Number:

General Contractor:

Concrete Supplier:

PLACEMENT INFORMATION

Date Cast: 5/25/2017 **Time Cast:**

Date Received: 5/26/2017

Placement Location: FOUNDATION: A/4 TO A/7

Placement Method: TRUCK CHUTE

Placement Vol. (yd³): 20

Cylinders Made By: JOSHUA MOORE

Aggregate Size (in): 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (ºF) 54 **Maximum (ºF)** 67

DELIVERY INFORMATION

Admixtures: AE / MRWR

TEST RESULTS

Slump (in) (C-143): 5

Air Content (%) (C-231) 5

Air Temp (ºF): 55

Conc. Temp (ºF) (C-1064): 70

Load Number: 1

Mixer Number 95

Ticket Number 213838

Cubic Yards: 9.5

Design (psi): **4000**

Batch 10:19

Arrive 10:42

Depart 11:19

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)**
923-3A	8.45	4.01	12.61	6/1/2017	Lab	**7**	5	55.2	**4380**
923-3B	8.45	4.01	12.63	6/22/2017	Lab	**28**	4	64.8	**5130**
923-3C	8.45	4.01	12.61	6/22/2017	Lab	**28**	4	63.6	**5050**
923-3D	8.45			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